Vhf-Uhf DIGEST

The Official Publication of the Worldwide TV-FM DX Association

SEPTEMBER 1991

Jefferson Public Radio at a Glance

SPECIAL REPORT

World wide TV-FM DX Association

'91 CONFERENCE

D U N K I R K -- DONE EXCEEDINGLY WELL

Not unlike a pilgrimage of the devout to a Holy Shrine; almost three dozen diehard dx'ers headed for the hallowed hills just south of Dunkirk, NY on August 9, 10 and 11.

New arrivals converged on the Bob Seybold residence just off I-90 at the Dunkirk/Fredonia exit. The garage was set up with swap and freebie tables, a facility for dxing and viewing videotapes, and plenty of room for visiting and chowing down. Although a lot of time was spent at the house, the hilltop site was the main DX outpost.

Why is this place so special? Well, the annals of DX history are filled with reports of amazing reception from this area of Western New York, not far from the shores of Lake Erie...and this year's conventioneers were about to get in on the action.

Friday's weather was cool, cloudy and drizzly; but the tent set up specially for the convention made the hill tolerable. Besides, trops were in! On Saturday the weather improved but reception conditions deteriorated. Sunday morning, super tropo on the legendary hill netted six new U's for Bob (including a low power repeater in Springfield, IL) and scores of new catches for WTFDA members who brought gear to see how they could do on 'the hill'. No Es was noted, at least not enough to ID anything; and although Ms activity produced pings well into the FM band, nothing was ID'd.

Bob's hospitality was evident at all times. Cold drinks and snacks were plentiful. At meal time there were hamburgers, hot dogs, cold cuts and all the trimmings. He's an old hand at this sort of thing, having hosted several past WTFDA meets in Dunkirk.

This was a 'laid-back' convention with no scheduled functions other than the business luncheon Saturday at 1 PM at the Vineyard Quality Inn. The primary thrust of the three-day event was to DX; and to hash over DX-related information. Those attending were not disappointed by either the available tropo catches, or the regulatory and technical information presented.

Dr. Bruce Elving, who contributes the monthly "FM News" column to VUD, (and also prepares and markets the monthly "FM Media" and annual "FM Atlas") spoke to the group about a number of DX related topics. He noted the importance of keeping the organization strong and growing; and emphasized that no matter how long we've been active in the hobby, we never stop learning. He also touched on the reception improvements made possible through IF filter modification; as well as other industry happenings.

Joe Gragg, professional broadcast consulting engineer and WTFDA Charter Member, brought the group up to date on FCC developments and added to the technical information already presented by Dr. Elving. An open forum followed.

CONTINUED.....
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SATELLITE NEWS

George W. Jensen
4604 Anntana Avenue
Baltimore, MD 21206-4220

Hello again. This time around I will present a sort of general review of SCPC activity. SCPC is another form of audio satellite transmission that requires a special receiver. These are not the standard sub-carriers one would receive on a standard satellite receiver. They do not require a video signal to be broadcast. I have not indicated satellites which do not have any apparent SCPC signals when I did my monitoring in mid-July. I have indicated a format heard when an ID was not forthcoming after a reasonable period of time. Some of these stations never seem to ID. The number before the station is the approximate position on a Heil receiver. It would be nice to have an ICOM receiver, but I don't at this time, so exact frequencies are not possible. This list does give you (I hope) some idea of what's up there.....

Satcom C1 - 137 W - all of the following are Vertical Pol.
206 - RFD Radio Network (Illinois Farm Bureau Radio Net.)
222 - Missouri Network
223 - 97 Country WIBW Topeka, Kansas
244 - Informational Brownfield Network Stations
- close by - Instrumental Background Music
245 - Vocal Background music and close by - News feeds
392 - CBS Radio Feeds
524 - Transtar radio 2 channels - stereo
526 - Transtar radio 2 channels - stereo
717 - CNN Radio Network 736 - KNX Los Angeles, Cal.
727 - CNN Radio network 737 - Business Radio Network
739 - Transtar Radio Network - 2 channels stereo
749 - WIP - Philadelphia, Pennsylvania
Morelos 2 116.5 W - all of the following are Vertical Pol.
698 - XEAV - Radio Guadalajara
699 - Nuclear Radio Guadalajara FM
692 - Estereo Amor - Guadalajara
2 of these stations pulled the plug during the monitoring. They may not be permanent - these are the first SCPC I have noted on Morelos 2
Morelos 1 113.5 W - all of the following are Vertical Pol.
248 - US oldies - no ID
259 - Light background US rock music
261 - Estereo Rey - Mexico City
262 - Radio central - WEJP Mexico City
269 - Energy 99 - US Rap aND POP
670 - News Station 278 - Radio Acir
277 - Red Nacional 285 0 XEWA - San Luis Potosi
ANIK D2 - 110.5 W - all Horizontal Polarity
719 - CKRW - Whitehorse, Yukon Territory
720 - CHON-FM - Whitehorse, Yukon Territory
772 - VOCM - St. Johns, Newfoundland
773 - CFWE - Edmonton, Alberta

SATELLITE NEWS

ANIK C1 - 107.3 W - all Horizontal Polarity
412 - Eskimo Service

G-Star 2 - 105 W. - all Horizontal
700 - Urban Contemporary Music (I guess at these formats they are all boring and sound the same to me)
867 - CNN Headline News Service
ANIK D-1 - 104.5 W - all Horizontal Polarity
655 - Talk forever and ever
656 - CBC Central Northwest Terrs. - eskimo and Indian
597 - CBC Radio 596 - CBC West Inuvik, NWT.
543 - CBC same as 565
437 - CBC Yukon 436 - CBC French
329 - CBC same as 596
G-Star 1 - 103 W. - Horizontal Polarity
844 - KILA Las vegas, Nevada (?)
Westar 4 - 99 W. The following are Horizontal (hold on to your tights for this list)
121 - Family Radio - 2 channels - stereo
122 - Voice of Free China - Taipai, Taiwan
123 - Fanily RaDIO _ 2 channels - stereo
129 - Chinese programs
130 - Chinese programs
141 - Religious = 2 channels - stereo
150 - KCBI - Dallas, Texas
168 new feeds
203 - National Public Radio
205 - All-Hit Radio
206 - WNTL - Indian Head, Maryland (DC suburb) Arabic in day // to AM
209 - Public Radio - Classical Music
210 - 2 together here - louder was Punk Rock format (really weird music and totally awesome weird kid sounding DJ's) possibly a Public Radio outlet underneath
210 + - Very oldies music format
211 - Public radio
211+ - Pop music service - no ID even on the hour
219 - Radio talking Book type of service
220 - BBC Radio World Service
220+ - KPRC Houston, texas
221 - SIS Spanish Radio News Network
221+ - news feeds
221+ - Georgia Network News
221 - Greek language stuff
222 - Background music
223 - KLON FM Long Beach, California224 & 226 - Public radio
228 - Cadena Radio Centro - CRC
234 - Texas Rangers Baseball (in progress)
238 - Classical Music - Public Radio
242 - Classical Music
246 - Soldiers Satellite Network 254 - Radio Reading Service

SATELLITE NEWS

255 - ARN - Alabama Radio Network
255+ - WHO - Fes Moines, Iowa
256 - Kansas reading Service (obits read from Kansas)
All of the following from Westar 4 are Vertical Polarity
206 - Illinois Farm Network
209 - WVAQ - Morgantown, West Virginia 2 channels - stereo
216 - Progressive Farmer Network
216+ - news feeds
220 - Oklahoma News feeds
222 - 97 Country - WIBW - Topeka, Kansas
224 - WWL - New Orleans, Louisiana
225 - Monitor Radio News
251 - ABC News
254 - Magic 99 FM - WPLZ Petersburg (Richmond) Virginia
many test tones noted - many other news services which have intermittant operations - and weird test tones - like someone squeezing a rubber duckie?
Spacenet 3 - 87 W - all Horizontal Polarity
150 - Special News Features feeds
488 - Religious feeds
VCY America (religious) 2 channels - stereo (488 oops)
490, 491, 491+, 495, 496, 497, 497+ - Music network
Country/Middleof the Road/Z-Rock/Oldies/The Heat/Classic Rock
the above used to be on C-band
493 - Notes of Praise
494 - The Touch

K-2 - 81 W - Vertical polaRity
340 - Linder Farm Network - Minnesota
group of music services that sounds like the bunch on G3 XPDR 11 - normal sub-carrier
Galaxy 2 - 74 W - all Horizontal polarity
203 - KIRO - Seattle, Washington 206 - WLW Cincinnati, Ohio
207 - WBAL Baltimore, Maryland (occ.) 208 -USA Radio Network
212 - 92.3 K-Rock New York, New Yorl
213 - WGR - Buffalo, New York
219 - WTMJ - Milwaukee, Wisconsin
223 - NBC? feeds 224 - WSB - Atlanta, Georgia
225 - Sun Radio Net. 228 - WGN - Chicago, Illinios
229 - XEPRS - Tijuana (San Diego) a 15 minute Spanish Insurance Commercial????)
236 - KWKW (tent. ID - Los Angeles, Cal. Spanish
238 - WJR - Detroit, Michigan 238+ WWWW FM Detroit, Michigan
240 - American Radio Network - Baltimore
241 - KMPC - Los Angeles, Cal. 242 - Agra America Radio Net.
243 - KSFO - San Francisco, Cal/244 - KDKA Pittsburgh, Penn.
245 - SIS - Spanish Network/253 - KUSC - Los Angeles, Cal
259 - KMXI - Lake Oswego/Portland, Oregon
Satcom 2 - 72 W - Horizontal Polarity
548 - Radio Marti/547 RaDIO Rebelde Havana (not noted lately)
Spacenet 2 69 W - KU ONLY Horizontal
403 - KSJO - San Jose, California
PanAmSat - 45 W - KU ONLY - Vertical Polarity
700 - BBC World Service
Intelsat 34.5 West - Horizontal Polarity
778 - tentative number - but definite - Gronsland radio Greenland
That's all for this go-round. Additions and Corrections appreciated. See you in 30 '73's

George

NORTHERN FM-DX

GREG CONIGLIO
5100 GLENWOOD DRIVE
WILLIAMSVILLE, NY 14221

For DXers in: MA,NH,VT,CT,MA,RI,NY,PA,NJ,OH,MI,IN,IL,WI,MN,IA,NE,SD,ND,MT,WY,ID, WA,OR,AK,Canada

SEPTEMBER 1991 ⇨ DEADLINE: The 5th ⇨ LOG CUTOFF: 2 months from when mailed

Well July picked up somewhat in the Es/Tr category but many DXers are still not happy with this season. Best days were July 1st, 2nd, and the 19th; on the 19th skip as short as 420 miles was IDed, plus reportedly a MUF of ch12!! In other news, Matt Sittel is going to do the TV/FM CCI column, so hold your unIDs until we get more information on that. It's good to see that column back again. Fall trops may be upon us soon, very often September turns out to be the best month for it, so keep your eyes and ears peeled!.....

MIKE BUGAJ - 69 SHERMAN ROAD - ENFIELD, CONNETICUT 06082

Equipment: Carver TX-11, Sherwood receiver, Probe 9 @ 30 feet agl, new underlined

MAY 1991 DX

21 Tr

0736 WMJQ 102.5 NY Buffalo, Magic 102.5
2137 CFCA 105.3 ON Kitchener, concert

23 Tr

0638 WMZQ 98.7 DC Washington

24 Tr

0642 WNNN 101.7 NJ Canton, g
0722 WFAS 103.9 NY White Plains, traffic
0739 WZFM 107.1 NY Briarcliff Manor,Express
(Mike, the calls are now WXPS-gc)

26 Tr

2151 WGCB 96.1 PA Red Lion, g o/WSRS

28 Tr

2228 WZSH 95.1 NY S.Bristol, W-I-S-H,
Wish 95, no WRKI heard
2240 WKPQ 105.3 NY Hornell, very strong
2246 WMXW103.3 NY Vestal, all alone there
2250 WUFX 103.3 NY Buffalo, 103.3 The Fox
2254 WMJQ 102.5 NY Buffalo, again v.strong
2303 WBUF 92.9 NY Buffalo, "The All New
Mix 92.9", oldies
2310 WNED 94.5 NY Buffalo, c
2311 WDCX 99.5 NY Buffalo, g
2314 WJYE 96.1 NY Buffalo, "Joy 96"
2315 WKSE 98.5 NY Niagara Falls,
Kiss Concert Line
2325 WHGL 100.3 PA Canton, k
2331 WLVY 94.3 NY Elmira, 94-Rock
2344 WSGD 94.3 PA Carbondale, oldies

29 Es

1900 KBEZ 92.9 OK Tulsa, news, wx
1901 KFAY 92.9 AR Fayetteville
1915 KOLL 94.9 AR Pine Bluff "Kool 95"
1922 KWKH 94.5 LA Shreveport
1925 KLUV 98.7 TX Dallas, K-Love
1932 KAMD 97.1 AR Camden, 97 Country
(Mike, note that this is Camden, AR-gc)
1945 KHLT 94.1 AR Little Rock, K-Lite 94.1
2000 X??? 99.7 SS on this channel, Mexico mentioned. Since the FM Atlas only lists 4 stations in Mexico on 99.7, I would suspect Monterrey, but I will send out a copy of the tape for someone to ID
2010 WALX 100.9 AL Selma, Laser 101
2010 WDXX 100.1 AL Selma, Dixie 100
2012 WOSM 103.1 MS Ocean Springs
2016 WGCM 102.3 MS Gulfport, Miss Coast 102

JUNE 1991 DX

5 Tr

2130 WFRS 88.9 NY Smithtown, WJMJ 88.9
off for XMTR repair, WFRS L&C

JUNE 1991 DX

6 Es

1914 WMFQ 92.9 FL Ocala, Q-Lite 92.9
1916 WFLZ 93.3 FL Tampa, Power 93,
The Power Pig ????

10 Tr

0745 WMGM103.7 NJ Atlantic City, Sunny 103.7
(Have calls changed? (I don't think so-gc)

13 Tr

0736 WJAN 95.1 VT Sunderland,k,Country 95.1

18 super Tr: to Northeast for a change

1945 WWEM 96.7 NH Rochester,Easy Mix 96.7
1947 WQCB 106.5 ME Brewer, k
2000 WZID 95.7 NH Manchester, right
over WKSS!!!
2020 WWSS 101.5 NH Meredith,Sunny 101.5
2030 WFTN 94.1 NH Franklin, New Hampshire
Classic Hits
2032 CJLS 93.5 NS New Tusket, FM Atlas
says only 3,000 watts!
2055 WKZS 99.9 ME Auburn-Portland
2105 WMME 92.3 ME Augusta, r, 92 Moose
2120 WCQL 95.3 ME York Center
2137 WLNH 98.3 NH Laconia
2142 CJLS in again, "The Sound Choice"
2149 WBOQ 104.9 MA Gloucester, W-Bach FM,c
2204 CBAF14 102.3 NB Frederickton, French
Talk program, with ID at 2310
2245 WMCM 103.3 ME Rockland
2314 WCDQ 92.1 ME Sanford

19 Tr

0745 All Montreal stations super strong. CITE 107.3 alone on the frequency completely covering WAAF. CBM 93.5 and CJFM 95.9 excellent.
0752 WZPK 103.7 NH Berlin, Peak FM

29 Es...first time Es noted on FM this month

1253 WQLM 92.9 FL Punta Gorda, Lite 93 FM
1258 WMIE 91.5 FL Melbourne
1302 WSOR 90.9 FL Naples, Christian Rock
1350 WNOE 101.1 LA New Orleans, Country 101
1353 WEZB 97.1 LA New Orleans, B97
1355 WQUE 93.3 LA New Orleans
1357 WLTS 105.3 LA Slidell, Lite 105.3
1520 WCTQ 92.1 FL Venice, k
1533 WHVE 102.5 FL Sarasota, The Wave

30 Es

2055 WSCD 92.9 MN Duluth
2100 WRLS 92.1 WI Hayward
2123 KBRF 103.3 MN Fergus Falls
2136 WIHN 96.7 IL Bloomington
2245 KPAT 97.3 SD Sioux Falls
2353 WOW 94.1 NE Omaha
2356 KOGA 99.7 NE Ogallalla High Plains

MIKE BUGAJ's REPORT continues...

JULY 1991 DX

1 Es

0017 KFNF 101.1 KS Oberlin
1723 WJMI 99.7 MS Jackson
1732 KRRV 100.3 LA Alexandria
1940 WKMX 106.7 AL Enterprise
1941 WGNL 104.3 MS Greenwood
1942 WZZK 104.7 AL Birmigham
1947 WBKJ 105.1 MS Kosciusko, k, K-105
1944 WLTS 105.3 LA Slidell
1945 WACR 103.9 MS Columbus, r
1951 WJDX 96.3 MS Jackson, Mix 96
1952 WLZA 96.1 MS Eupora, Laser 96, oldies
1958 WMGW 107.5 MS Magee, Kixie 107, have calls changed? (Now WKXI-gc)
2000 WAKH 105.7 MS McComb, K106
2016 WENN 107.7 AL Birmingham,ID w/WAGG
2021 KQXL 106.5 LA New Roads, r, Q106
2026 WDJR 96.9 AL Enterprise
2028 WAVH 96.1 AL Mobile, Oldies 96.1 "The Gulf Coast's Wave"
2029 WKJN 103.3 LA Hammond, Cajun 103
2036 WIKK 98.9 MS Town sounded like Wurtman or Kurtsman or something close
2039 WSHK 97.7 AL Russellville, Shoals 97
2056 WCGM 102.3 MS Gulfport, Coast 102, o
2058 WOSM 103.1 MS Ocean Spring, g

JULY 1st skip continued

2058 WZRH 106.1 MS Picayune, dual ID with New Orleans, Z106.1 (Mike, note city-gc)
2107 WBBN 95.9 MS Taylorsville, B-95
2114 WGUD 106.3 MS Pascagoula
2117 WWZQ 105.3 MS Aberdeen, baseball
2119 KMYZ 104.5 OK Pryor
2130 KLAA 103.5 LA Tioga, "LA 103"

6 Es

1100 WNGS 92.1 FL W.Palm Beach
1103 WMFQ 92.9 FL Ocala, Q-Lite 92.9
1112 WEZY 94.1 FL Lakeland
1120 WHTK 99.7 SC Port Royal
1120 WWKA 92.3 FL Orlando, K92, k
1122 WWLV 94.5 FL Daytona Beach
1125 WYNF 94.9 FL Tampa, 95-YNF
1133 WQLM 92.9 FL Punta Gorda

8 Es

1313 WBKJ 105.1 MS Kosciusko
1317 WWSL 102.3 MS Philadelphia, Classic 102
1320 WIKK 98.9 MS Wickman?
1333 WLTS 105.3 LA Slidell
1400 WKSJ 94.9 AL Mobile, 95KSJ
1407 WBLX 92.9 AL Mobile

12 Tr

Norfolk area in very strong
2150 WDLX 93.3 NC Washington, 93-3 hardly uses its calls

That's about it for now. Es was pretty much a bust with the season only going from June 29th to July 8th. But the trop made up for it with a new province in New Brunswick. Can anyone help me with my Mexican on 99.7?

SAUL CHERNOS - P.O. BOX 611 - ORILLIA, ONTARIO CANADA L3V 6K5

FROM BURNT RIVER, ONTARIO
FEBRUARY 1991 DX

17 Tr

1940 CBOF 90.7 ON Ottawa
1950 WMHI 94.7 NY Cape Vincent
2000 CBO 91.5 ON Ottawa
2202 WISC 91.1 NY Potsdam

17 MS

2325 WZXL 100.7 NJ Wildwood

MAY 1991 DX

20 Tr

2040 WKLQ 94.5 MI Holland, 94.5 KLQ, pr
2045 WJFM 93.7 MI Grand Rapids, 93.7 JFM
2120 CHRW 94.7 ON London
2137 WFMK 99.1 MI E.Lansing, Lite Rock 99
2145 WMUS 106.9 MI Muskegon
2225 WGNB 89.3 MI Zeeland, g "WGNR WGNB" (Saul, note new calls-gc)
2310 WHKO 99.1 OH Dayton, "K 99.1", k
2345 WKYN 97.5 PA St.Marys
2350 WXCB 102.7 ?? (Saul, this is WXCD, the new calls for Mt.Clemens, Mich-gc)
2357 WOOD 105.7 MI Grand Rapids

21 Tr

0016 CJFT 101.1 ON Ft.Erie (new to air), m
0035 WAAL 99.1 NY Binghamton, rp
0057 WBNI 89.1 IN Ft.Wayne, c
0530 WTOF 98.1 OH Canton, g
0723 WHFS 99.1 MD Annapolis
0725 WDSD 94.7 DE Dover (new state)

28 Tr

2210 C? 91.5 PQ Val D'Or, // 90.7 French
2225 CJMN 99.1 PQ Rouyn-Noranda,r, FF

MAY 1991 DX

29 Tr

0745 WXJE 100.7 NY Henderson, (new to air) k, (Calls are WLKC-gc)
1831 WGLE 90.7 OH Lima

FROM ORILLIA, ONTARIO:

MAY 1991 DX

24 Tr

0000 CKOI 96.9 PQ Verdun, "C'est Quoi?" disco-rap, French
0000 CKMF 94.3 PQ Montreal,pr,French
0000 CITE 107.3 PQ Montreal,b, French

JUNE 1991 DX

19 Tr

2100 C... 100.3 ON Ottawa, testing (see note #2)

20 Es

1245 WZTA 94.9 FL Miami Beach, Z95
1248 unID 99.1 FL "99 Jams, Palm Beach Area" (Saul, WEDR Miami-gc)
1250 WCMQ 92.3 FL Hialeah, Spanish
1253 WFLC 97.3 FL Miami
1300 WEDR 99.1 FL Miami
1303 WWLV 94.5 FL Daytona Beach
1308 WCVU 94.5 FL Naples
1315 WPCV 97.5 FL Winter Haven, 97 Cntry
1322 unID 92.1 92 Kicks, k (country)
1323 WXLQ 92.1 GA Hinesville
1325 WCTQ 92.1 FL Venica, k
1340 W? 92.5 "K92 FM", k

Saul's DX continues on the next page.

SAUL CHERNOS' REPORT continues..

JULY 1 Es (from Orillia, Ontario)
0010 KLOZ 92.7 MO Eldon, Z93
0011 KEBC 94.7 OK Oklahoma City, k
0030 KKEG 92.1 AR Fayetteville, r, "K92"
1148 WKPX 88.5 FL Sunrise
1151 WMCU 89.7 FL Miami
1153 WLVE 93.9 FL Miami Beach
1209 KXLS 99.7 OK Alva
1220 KZZD † 90.7 KS Wichita "Z91" (ex KGAM?) (Yes-gc)
1225 KZOC 92.9 KS Osage City
1232 KCEV 88.3 KS Wichita
1240 KMUW 89.1 KS Wichita
1240 WNFB 94.3 FL Lake City

FROM TORONTO:
MAY 1991 DX
11 Tr
1000 CJFT 101.1 ON Ft. Erie (new to air)
12 Tr
2200 CKWR 98.7 ON Kitchener
23 Tr
1048 CBOF 90.7 ON Ottawa, new to air
1053 CBO 91.5 ON Ottawa, new to air
1110 WMCE 88.5 PA Erie, p
JUNE 1991 DX
7 Tr
0850 unID 104.1, The New Q-104, rp (I think it is likely WQAL Cleveland-gc)
0900 CHRW 94.7 ON London, University of Western Ontario
18 Tr
2100 CKIE 99.1 ON Toronto (see note 1)

May was excellent for tropo, until July 1, the Es season's been a downer here we'll see if it lasts. I was in Quebec June 7 to 19 so may have missed some DX (not much, hi-gc). Note #2: I suspect 100.3 noises, which sounded really weird, to be Ottawa. In Orillia, I heard a woman announce, over classical music, "This is a test. This test will be repeated in 20 seconds. Ralco Communications. 100.3 Mhz Ottawa, Ontario" The loop, including music, repeated every 20 seconds, a great skip target (Update: As of July 28 they were just an open carrier, in stereo-gc) Note #1: A French community effort, low power, for a Francophone community week. Ran June 15-22 only. "C'est Qui...Radio Communautaire" Too bad I couldn't get time to go to Burnt River! Enjoy the summer and the fall tropo, 73s, Saul

BOB SMOLAREK - 156 OLDWICK ROAD - WHITEHOUSE STATION, NEW JERSEY 08889

Equipment: McIntosh MR78, Carver TX11 modified, Stereo Probe 9

JUNE 1991 DX
29 Es
1425 WRKX 96.1 FL Bonita Springs,rp,96 Rock
1430 WOLZ 95.3 FL Ft.Myers,o,Oldies 95
1433 WQLM 92.9 FL Punta Gorda, rm ex 92.7
1436 WRGI 93.5 FL Naples, o
1442 WCVU 94.5 FL Naples,b, Seaview
1443 KSMB 94.5 LA Lafayette,r
1445 KZMZ 96.9 LA Alexandria, r
1449 WYNF 94.9 FL Tampa, rp
30 Es
1200 ZFB 94.9 Bermuda, Hamilton m, thanks Rich Shatfan!
1300 ZBM 89.1 Bermuda, Hamilton, r, heard on 89.2!
JULY 1991 DX
1 Es
1710 KRTS 92.1 TX Seabrook, c
1717 WJMG 92.1 MS Hattiesburg, r
1725 KKBQ 92.9 TX Pasadena,r, 93Q
1755 KLSA 90.7 LA Alexandria, NPR
1800 WJNS 92.1 MS Yazoo City
2000 WHMA100.5 AL Anniston, k ALABAMA 100
2000 WXBM102.7 FL Milton, k,
2003 WJDQ 101.3 MS Meridian,r, Q101
2005 WKRG 99.9 AL Mobile,o, Coast 100
2017 WOKK 97.1 MS Meridian, k over WQHT!!!!
2019 WIIN 98.7 MS Vicksburg,k o/WRKS!
2022 WJAD 97.3 GA Bainbridge, r

JULY 1st E-skip continued
2025 WDJR 96.9 AL Enterprise, rp
2035 WBAQ 97.9 MS Greenville, b, Paul Harvey news, over WSKQ!!
2036 WFXQ104.9 MS Iuka, Tri-States Fox,r
2040 WJKX 102.5 MS Ellisville, k, Hattieburg's Kicks 102
2042 WFMF102.5 LA Baton Rouge,Hot 102
2049 WQEN103.7 AL Gasden, r
2050 WHER103.7 MS Hattiesburg, k "The Eagle"
2051 WKJN 103.3 LA Hammond, k
2100 WBBN 95.9 MS Taylorsville, k "Pine Belt Country"
2100 WQFX 96.7 MS Gulfport, s
2107 WJMI 99.7 MS Jackson,s,POWER 99
2120 KJLO 104.1 LA Monroe,k, K104
7 Tr
0000 unID 103.1, WRBS 95.1 translator not in FM Atlas, suspest Salisbury
0003 WKJX 96.7 NC Elizabeth City, k, WCEI briefly off
0100 WXRI 107.7 VA Winsdor, g
Strong Norfolk opening early this morning
1800 WEAA 88.9 MD Baltimore, s
19 Es
1729 WFLC 97.3 FL Miami, r
1733 WDDQ 92.1 GA Adel
1852 WCTQ 92.1 FL Venice,k,proud cntry
1856 WJIS 88.1 FL Bradenton, g
1906 WAFG 90.3 FL Ft.Lauderdale, g
1945 WBLX 92.9 AL Mobile, s
2005 WQFX 96.7 MS Gulfport, s

BOB SMOLAREK'S REPORT continues...

JULY 19 es continued
2015 WTBB 97.7 FL Bonifay, o
2017 WPCF 100.1 FL Panama City, g
2025 WILN 105.9 FL Panama City, r, Island 106
2030 WFSY 98.5 FL Panama City, r, Sunny 98.5
2039 WEBZ 99.3 FL Mexico Beach, b
2100 WSLE 102.3 GA Cairo,r,Whistle 102
2101 WHBX 96.1 FL Tallahassee,r,ex 95.9
2110 WGLF 104.1 FL Tallahassee,rp,Gulf
2111 unID 100.5, several mentions of city of Enterprise, US100 slogan, can't find in Atlas or VUD (Bob, 91 M Street Journal says this is WXUS Fort Rucker, Ala-gc)
2114 WRBQ 104.7 FL Tampa, rs
2115 WTRS 102.3 FL Dunnellon, k
2119 WYGC 100.9 FL Gainesville,Gator k
2122 WOYK 99.5 FL St.Petersburg, k over WBAI and WJBR!
2123 WEEJ 100.1 FL Port Charlotte, r New Coast 100

July 19th es continued
2124 WXTB 97.9 FL Clearwater,rp,98 Rock
2125 WMTX 95.7 FL Clearwater,r, Mix, over WFLN!!
2128 WLCL 97.7 FL Micanopy,r,Clear FM
2130 WDUV 103.3 FL Bradenton, b
2145 WMMZ 93.7 FL Ocala, r, Z-93
2153 WXDJ 95.7 FL Homestead, Spanish
2155 WLVE 93.9 FL Miami Beach, rm
2157 WOVV 95.5 FL Fort Pierce, r
2205 WQLM 92.9 FL Punta Gorda, rm
2220 WWFR 91.7 FL Okeechobee, g FAMILY RADIO
2230 WOKC 103.1 FL Okeechobee

20 Es
1620 WTNT 94.9 FL Tallahassee, k
1642 WMMK 92.1 FL Destin, k
1648 WBLX 92.9 AL Mobile, s
1649 WZEW 92.1 AL Fairhope,rp, 92 Zoo
1819 WQFX 96.7 MS Gulfport, s
1927 WGCM 102.3 MS Gulfport,r, Coast 102

MIKE CHERRY - BOX 631 - GANGES, BRITISH COLUMBIA V0S 1E0 (604) 537-5201

PDT, @ = mobile, Toyota FM stereo

JUNE 1991 DX
18 Es
2045 KMUS 101.9 WY K-Moose, k$, "SE Wyoming's K-Moose"
2048 KMGW 94.5 WY - ad, calls 926
2055 (KGGL) 96.1 CO - k, "Eagle", wx,PSA

JULY 1991 DX
1 Tr @=Comox,BC
1445 KKCW 103.3 OR - Portland wx, $ 399
1459 KMHD 89.1 OR - NPR news, jazz 397
1500 KGON 92.3 OR - legal ID, $ 399
1500 KUPL 98.5 OR - k, ID, news 399

2 Tr @=Campbell River,BC
0703 KCDA 103.1 ID - sports, ad, wx
0739 KPBX 91.1 WA - Morning Edition
0743 KXLY 99.9 WA - EZ100$

3 Tr @=Denman Island,BC
0836 KPNW 99.1 OR, calls, ad, AC music
0859 KLCC 89.7 OR, legal ID, NPR news
0900 KWAX 91.1 OR, ID, concert listings

JULY 3 Tr @=Campbell River,BC
2231 KLCC 89.7 promos,ID$,strong
2247 KMGR 94.5 soft rock, ID, ad

7 Tr @=Nanaimo,BC
0800 CBRY 105.1 BC // AM 690 mono, CBC nx
0805 CBYT 104.5 BC // 105.1 & 690

8 Tr
2205 KPQ 102.1 WA Q102, soft rock 187
2230 K212AD 90.3 WA, KFAE ID, jazz

11 Tr
0714 KFFM 107.3 WA K-Double-FM, $ 213
0725 KFAE 89.1 WA, Morning Editon,$ 279

14 MS
0912 CHSN 102.1 SK (new province!) "...picnic this coming weekend at Diefenbaker Park on the South Side of the river, and Sun 102 will be..."

FM JAPAN 81.3 FM

Tropo up Vancouver Island was good. I was disappointed that northern BC never showed. Alaska still eludes me! Either tropo or Es, I'll take it any way I can get it! I'll be back up the main island early in August so will be tropo hunting then. Sporadic-E on FM has been almost non-existant this year - the poorest on record of 18 years of FM DXing (A lot of DXers have been saying that; it is the worst of my 6 years DXing too-gc). Correcting mistake in my last report, CKIK 107.3 Calgary is still p not k. Auroral strength and MUFs not enough for FM DX. Perhaps the DX gods smiled on some of you this summer. Hope convention '91 was a blast! 73$, Mike VE7SKA

CHARLES GAUTHIER - 3260 BEAULIEU - BROSSARD, QUEBEC CANADA J4Z 2P7

MAY 1991 (distance is miles)
20 Es
1405 WRWA 88.7 AL Dothan 1200
1927 WMAU 88.9 MS Bude 1372
1954 WTYX 94.7 MS Jackson 1305

20 Tr
2015 WTOS 105.1 ME Skowhegan 195

I hope you're having a great summer!

JUNE 1991
2 Tr
0930 WRVO 89.9 NY Oswego 209
to WZSH 95.1 NY S.Bristol 261
1000 WRMM 101.3 NY Rochester 261

17 Es
2307 WOFX 94.9 OH Farifield 727

18 Es
1800 WCTQ 92.1 FL Venice 1382

Soixante-Treize (73), Charles

ROBERT S. ROSS (VE3JFC) - BOX 1003 STN B - LONDON, ONTARIO CANADA N6A 5K1

Equipment: Marante 2226B receiver, FM beam antenna

JUNE 1991 DX

27 Tr

2357 WIAA 88.7 MI Interlochen, classical mx pgm "Mx Through the Night", ID WIAA/WIZY

28 Tr

0056 WJPD 92.3 MI Ishpeming, c/w mx, ID with Marquette, NBC news

29 Es

1408 WJIS 88.1 FL Bradenton, gospel mx, ID

1418 WGSG 89.5 FL Mayo, "Finest Southern Gospel Radio - WGSG Radio 89.5 FM"

1500 WGNP 90.7 GA Albany, "It's 95° in South Georgia at WAFT 101.1 Valdosta, and WGNP 90.7 in Albany, gospel music

1503 WFSU 91.5 FL Tallahassee, time check, wx

JULY 1991 DX

1 Es

1015 KMSI 88.1 OK Moore, "Oasis Network", rlgs programs, gospel talk pgm, called them to confirm

1145 KNGM 91.9 KS Emporia, Time Check, local sponsors in Emporia, "Kingdom 92"

1159 KRPS 89.9 KS Pittsburg, legal ID, pgm spot

1218 KHCD 89.5 KS Salina, ID as "KHCC & KHCD We're Radio Kansas", into classical music

1223 KANZ 91.1 KS Garden City, local items

1241 WOLZ 95.3 FL Ft.Myers, local Ft. Myers ads ID as "WOLZ Oldies 95", contest promo

1225 KHLT 94.1 AR Little Rock,local ads

1323 KVTT 91.7 TX Dallas, gospel talk progrm, ment of Dallas church "Light of the World-KVTT"

1941 WCHY 94.1 GA Savannah, "All Nite Show on WCH", contest promo, c/w mx

1949 WXVS 90.1 GA Waycross, "Peach State Pub. Radio", upcoming pgms, local ments

2059 WMGF 107.7 FL Mt.Dora, Magic After Dark

2118{WXTB} 97.9 FL Clearwater, lcl spot, ex WKRL

2129 KYYK 98.3 TX Palestine, lcl ad, ID as "98.3 KYYK - East Texas", c/w mx

2140 KTMJ 104.1 TX Tyler, Magic 104, local ads

2 Es

1231 KBEM 88.5 MN Minneapolis, STATE #34, 2150 watts. wx report for various Minn Cities,news

1229 KCRB 88.5 MN Bemidji, sponsor in Cass Cnty "Minn. Public Radio KCRB 88.5 Bemidji G Rapids"

1234 KSRQ 90.1 MN Thief River Falls, c/w mx OM DJ with weather report, 57° temp, 3 kw

1249 KMSR 94.3 MN Sauk Centre, "Magnet Radio" "MInn. Agriculture Radio", called to confirm, 3 kw

1250 CHIQ 94.7 MB Winnipeg, PROVINCE #7, "Q-94 FM Winnipeg", CDT time check, ads

19 Es

1836 WOZN 98.7 FL Key West, "WOZN Classic Rock", DJ "Dano", ads ment US Hwy 1

1858 WEAT 104.3 FL W.Palm Beach, S. Fla wx,spots

1906 WRTO 98.3 FL Goulds. SS talk, SS jingles, ments of Miami and Homestead, "Radio El Sol" into lively Spanish mx, 1550 watts!

1852 WKLG 102.1 FL Rock Harbor, ads, c/w mx, "Serving South Florida, K-Country 102.1 FM"

1923 WWRM 107.3 FL St.Petersburg, local ads "Tampa's Warm 107 FM", soft rock

2000 WSRZ 106.3 FL Sarasota, Oldies 106, all Oldies all the time for the Suncoast

2004 WTUF 106.3 GA Boston, calls, ads, w/WSRZ

2009 WFLZ 93.3 FL Tampa, "power 93 the power pig", Florida Lottery spot, rock mx

2020 WOYK 99.5 FL St.Petersburg, country concert spot, calls, also ID as "K99", c/w mx

2033 WXXL 106.7 FL Leesburg, XL 106.7, funky mx

2050 WHYI 100.7 FL Ft.Lauderdale, "Friday Night Fever on WHYI, into disco-Bee Gees mx, Y100

This was an extrememly intense Es opening. MUF was up to 150 Mhz at least. Worked Florida stations on 2 mtrs, FM 146.55 Mhz simplex!!

WQMC
FM 95.3

HARRY J. HAYES - 9 HENRY STREET- WILKES-BARRE,PENNSYLVANIA 18702

Equipment: GE Superadio, Jerrold 9 element in attic, Radio "at-set" amp

JULY 1991 DX

1 Es

1934 WEZB 97.1 LA New Orleans

1945 WQNZ 95.1 MS Natchez, Country 95.1

2000 WFFM 105.7 GA Ashburn, "memories"

2025 KJIB 105.5 LA Eunice, oldies

2035 WYTM 105.5 TN Fayetteville, ID a mention of Lincoln County

2054 WLTS 105.3 LA Slidell

2102 WKSM 99.5 FL Ft.Walton Bch,Kiss

2105 WKNN 99.1 MS Pascagoula, K-99

2018 KBXR 97.3 OK Weatherford, oldies

2115 WFFX 95.7 AL Tuscaloosa, The Fox

2125 KKMY 104.5 TX Orange

2150 KZMZ 96.9 LA Alexandria, Power 96.9, rr, no calls heard

5 Tr

2155 WKNE 103.7 NH Keene, "KNE FM"

2345 WVOS 95.9 NY Liberty, good after WBNE nightly 2400 signoff

6 Tr

0015 WYNY 103.5 NY New York, c/w

0048 WMRF 95.9 PA Lewiston, jx and rr

JULY 6th Es And Tr

1329 KKJQ 97.3 KS Garden City, soft rr

2210 WKMZ 97.5 WV Martinsburg, rr, KMZ

2235 WXCY 103.7 MD Havre de Grace, c/w. "Extra 103.7"

19 Es

2008 WKSJ 94.9 AL Mobile

2015 WAVH 96.1 AL Mobile

2020 WABB 97.5 AL Mobile

2025 WDJR 96.9 AL Enterprise, prog rr

2038 WGLF 104.1 FL Tallahassee, prog rr

2040 WPFM 107.9 FL Panama City, new rr

2042 WEBZ 99.3 FL Mexico Beach, strong with soft rock

2050 WFFM 105.7 GA Ashburn

2105 WPCV 97.5 FL Winter Haven

2115 WDIZ 100.3 FL Orlando, weak

2120 WWRM 107.3 FL St.Petersburg,Warm

2129 WOCL 105.9 FL DeLand, Cool 105.9

2132 WDUV 103.3 FL Bradenton, one of the Easy Listening dinosaurs

2148 WINK 96.9 FL Ft.Myers,new WINK

2150 WYNF 94.9 FL Tampa

HARRY HAYES REPORT continues...

JULY 1991 DX

19 Tr

2350 WASH 97.1 DC Washington

20 Es

1746 KQUS 97.5 AR Hot Springs
1748 KEGL 97.1 TX FtWorth, best new mix
1807 WJMI 99.7 MS Jackson
1810 WKSM 99.5 FL Ft.Walton Beach

JULY 20 Es cont.

1813 WDJR 96.9 AL Enterprise
1823 WAVH 96.1 AL Mobile
1824 WABB 97.5 AL Mobile
1901 KCBI 90.9 TX Dallas

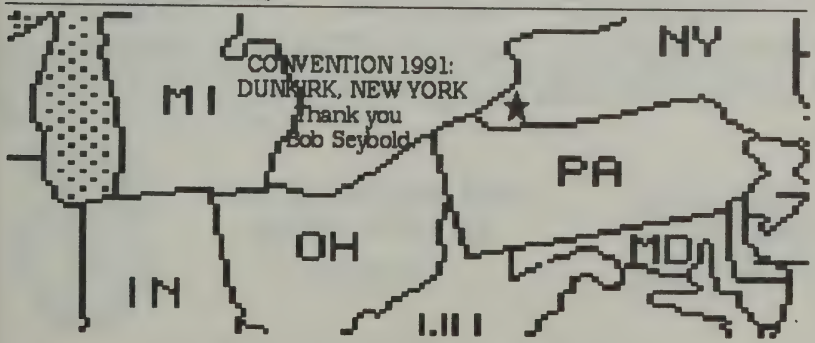
26 Tr

2353 WKYN 97.5 PA St.Marys, top 40 and movie schedules

July didn't turn out too badly as far as FM E-skip is concerned but there was a shortage overall E-skip. In other words it seemed that what Es there was this moth had skip into FM. A hot dry month resulted in a shortage of real tropo DX. As far as some of my new semi locals are concerned I note that the new 99.7 in Mt.Carmel,PA which puts in a respectable signal here, gets hammered by the e-skip, especially by WJMI when it comes in. WYMK-107.7 Tunkhannock,PA at 30 miles distant is quite good here but was inaudible when WPFM 107.9 FL boomed in on the 7/19 opening. This general area of the state is slated to get a "whole slew" of new FM stations, most of them on choice frequencies here, personally I hope none of them ever come on. Who is going to listen to all those stations anyway. The band already sounds like New York City when you tune across it. I'm especially hoping that the Mountaintop 97.1 does not materialize. This is owned by a local family that already has too much money and would just be another profit vehicle for them. Enough already, here's hoping for a good tropo August.

COLUMN NOTES: The policy concerning log cutoff has been changed slightly. Some members pointed out that it is not worth it to send in a report with only a few loggings. So the new rule is this: The log cutoff will still be 2 months from when you mailed it in, but up to 6 loggings before that date will be allowed. So, if you mail me a report on Sept. 1st, everything since July 1st will be eligible, plus 6 loggings before that. Also, Mark Strickert has put together a publication called "Radio Central". It covers AM/FM/TV in the North Central US, roughly from Davenport to Erie and Duluth to Paducah,Ky. It has plenty of information such as station addresses, specific information on music and programming. It is $3.50. For more information write Mark: 3852 N.Oconto, Chicago, Illinois 60634.

STATION NEWS: KSWK 106.9 Daingerfield, TX is on the air with oldies, also on is KTXK 103.5 New Boston,TX, Unistar Country "Kicks 103.5". 95.9 KLLI Hooks,Tex. is now "Oldies 96", KPYN 99.3 Atlanta, Tex is now "Capon 99.3 FM", ans KHSP 103.9 Ashdown, Ark., is "Spirit 103.9". In the Madison area, WMMM 105.5 is on with "adult rock and roll". In August, WYYS 96.7 Cayce-Columbia,SC was rumoured to have gone country, WHKZ. WXUS 100.5 Fort Rucker, Ala. is on the air, country, "US100"; many have reported that this season. In the Milwaukee area, 100.7 is now WKKV and "urban a/c". KODJ-FM 93.1 in Los Angeles is now KCBS-FM, but no format change, still oldies, WRGI 93.5 Naples, Fla. is now oldies, "G-93". Dallas-Fort Worth gets a "rock adult contemporary" station as KMEZ 107.5 becomes KCDU, "CD 107.5", WMJQ 102.5 Buffalo is now a/c, though rather upbeat. WNNR 103.5 Sodus (Rochester rim shot) is on the air with rock music. So far they have a very poor signal. In Richmond, 106.1 has gone to an adult rock/classic rock type format (thanks Matt Sittel).



JOSEPH FELA - 150 ROBERT PLACE - SO. PLAINFIELD, N.J. - 07080

Equipment - Two McIntosh MR-78 tuners feeding separate amps/tape decks, a pair of CM Stereo Probe 9s, stacked, with rotor at 40 ft.

Time: ELT

JULY 1991

1 Es

1700 KQKI 95.3 LA Bayou Vista, ID 1167
1700 WLUN 95.3 MS Lumberton, ID w/WIGG-1420 1071
1712 KIKK 95.7 TX Houston, call, k 1399
1728 KJNA 99.3 LA Jena, ID, k 1164
1730 KLSA 90.7 LA Alexandria, NPR, legal ID, o/local WFUV 1194
1753 WJNS 92.1 MS Yazoo City, call 1034
1919 WJXN 92.9 MS Utica, ID w/WJNS, WOBT ad, MS Gospel Net promo 1069
1926 WMBC 103.1 MS Columbus, ad, k, "Kickin' 103" 913
1942 WKXM 105.9 AL Winfield, call + NW AL's New Gold 106 FM, o/local WNWK 868
1954 KQXL 106.5 LA New Roads, legal ID, u 1174
2014 WACR 103.9 MS Columbus, ID, r (u?) 913
2021 WGCM 102.3 MS Gulfport, o "MS's Coast 103" 1085
2028 WWUN 101.7 MS Clarksdale, call + "Christian radio", ads 990
2045 WFFF 96.7 MS Columbia, ads, SID, o 1077
2046 KTDY 99.9 LA Lafayette, ID, r 1221
2105 WBAQ 97.9 MS Greenville, ID, b, o/local WSKQ 1043
2115 KCTO 103.1 LA Columbia, ID, o 1144
2129 KBXR 97.3 OK Weatherford, ID, r 1367

2 Es

1102 KAXE 91.7 MN Grand Rapids, ID, asking for $$$ 1056
1103 KDVL 102.5 ND Devils Lake, ID, wx Heard many years ago as KDLR-96.7 1315
1105 KXPO 100.8 ND Grafton, ID, wx 1256
1115 KBRX 102.9 NE O'Neil, promo, call, Heard on 92.7 back in '80 1260
1117 KKBJ 103.7 MN Bemidji, ads, r, "Classic Hits" 1123
1124 KKDQ 99.3 MN Thief River Falls, call, light r 1192
1134 KQHT 96.1 MN Crookston, r, ads "Magic 96" 1217
1140 KVLR 95.7 ND Langdon, local items, wx, "KV-96" 1305
1146 KVOX 99.9 MN Morehead, ads, "K-100" 1197
1148 {CHZZ}103.1 MB Winnipeg, ads, "Zed-103" ex: CKWG 1280
1151 CJKR 97.5 MB Winnipeg, ads, r "97.5 FM" 1280
1155 {KMFY}96.9 MN Grand Rapids, "96.9 FM - KMFY", ex: KNNS 1056
1200 CBQQ 90.5 ON Ft. Francis, beginning CBC News 1085
1201 KQMN 91.5 MN Thief River Falls, MPR, local ID, o/local WNYE 1192

19 Tr

0200 WCID 89.1 NY Friendship, ID, g 221

19 Es

1740 WTNT 94.9 FL Tallahassee, traffic report, ads, call, k 892
1949 WKSJ 94.9 MS Mobile, "KSJ", k 1025
1957 WKGC 90.7 FL Panama City, ID, o/local WFUV 958
2009 {WQFX}96.7 MS Gulfport, ads, "Foxy 96" r (or u), ex: WGUF 1085
2015 WRJM 93.5 AL Geneva, call, ads, b 919
2022 ???? 94.3 "Key 94". Who?
2023 WEBZ 99.3 FL Mexico Beach, call 960
2037 WYZB 105.5 FL Mary Esther, ads, o "Kool 105" 982
2041 WKSM 99.5 FL Ft. Walton Beach, r, "Power 99.5/Kiss FM", ex: 99.3, o/local WBAI 981
2044 WTBB 97.7 FL Bonifay, call, k 929
2057 WDDQ 92.1 GA Adel, continuous ads, "Information Radio"
2101 WNFB 94.3 FL Lake City, legal ID 854
2105 WPCF 100.1 FL Panama City Beach, call + "FM-100", "Christian Radio" 962
2140 WNLE 91.7 FL Fernandina Beach,ID,g 790
2200 WWFR 91.7 FL Okeechobee, legal ID, Family Radio 990
2205 WAFG 90.3 FL Ft. Lauderdale, ID after news 1051

20 Es

1642 WBLX 92.9 AL Mobile, calls, ads, u 1025
1656 WEGS 91.7 FL Milton, PSA 988
1700 WLUN 95.3 MS Lumberton, ID 1071

22 Tr

0250 WEQX 102.7 VT Manchester, call, r, local WNEW off. 189
0302 WCIH 90.3 NY Elmira, ID, g 162
0317 {WYOS}92.1 PA Nanticoke, o, promo w/call, "Oldies 92 FM", ex: WMJW/WEAY 93

22 Es

1735 KOLV 101.7 MN Olivia, call, ads, Corn Capitol Days promo 1080
1737 KEEY 102.1 MN Minneapolis, "K-102" 998
1745 KKCK 99.7 MN Marshall, call, r 1120
1752 KQAA 94.9 SD Aberdeen, call + "Kool 95", ads, o 1262
1800 {KUWS}91.3 WI Superior, ID, 91 Jazz St. promo, ex: WSSU 981

31 Es

1811 WMFC 99.3 AL Monroeville, AL nx, ads, "99 Country"
1817 {WZBA}104.9 MS Moss Point, call + "Bay Country", ex: WCIS 1058
1823 WZEW 92.1 AL Fairhope, r, "92 Zoo", "Mobile's New Music Source" 1023

73, Joe

dBRUCE HALL - 5 STIRTON AVE - BRANTFORD, ONTARIO CANADA N3T 1E2

Equipment: JVC JRS201 receiver (mod w/3 150 filters), MAGNUM DYNALAB 205 signal sleuth. PROBE 9 fed with RG6 at 50' AGL, crown rotor, distances are in Kilometres

JUNE 1991 DX

27 TrS

0720 WRED 95.7 OH Gibsonburg, k, Toledo traffic (Bruce, actually the calls remain WRED; WTOD-1560 is leasing them, WRED calls are supposedly still used at the top of the hour-gc) 322

JULY 1991 DX

10 TrS

0745 WNBT 104.5 PA Wellsboro, r, B104, Bangles Under CHUM 104.5 80 km away at 40 kw 276

18 TrS

0733 WRCT 88.3 PA Pittsburgh, pj, This is ----- Pittsburgh at 88.3 on your FM dial 309

0756 WMRT 88.3 OH Marietta-Parkersburg, cr, tc "65 degrees on the Mareitta campus" 437

July 21 Tr

0743 WACZ 93.9 NY Dansville, r, wx, "back to some music here on WDNY, WACZ Light 94", new non ID 195

22 MS

0728 WXID 94.7 KY Mayfield, k, D94 1012

25 Tr

0651 WEEL 95.7 OH Shadyside, o, tc 365

26 Tr/TrS

0702 WJOI 97.1 MI Detroit, b, Joy 97, legal ID, David Soul mx, "Don't Give Up on Us", 255

0800 WFGY 98.1 PA Altoona-Johnstown-State College, "The best in Country music, Froggy 98", DJ was FROGMAN, under CHFI-FM 336

Completely missed all E-skip so far this season other than sporadic TV activity. After one phone call and two letters (SASE) finally received my QSL from KQYN 95.7 Twentynine Palms, CA. Well sort of. The envelope from CA was empty!!! Is that my answer or what? Also received a letter from Ayodele O. Adewakun coordinator/presudent of Voice of America N00627 Nigeria, Africa. Lately their club has been involved in FM-TV DXing. He is interested in meeting and exchanging ideas with DXers on his trip to Canada & USA mid-September 1991. 73, db

FRED NORDQUIST - 7945 BOXFORD ROAD - CLAY, NEW YORK 13041 (ELT)

Equipment: Receiver-Carver TX11a modified with five 150 khz filters. Antenna: Two CM Stereo Probe 9's horizontally stacked at 35' AGL, CAC-11 75 ohm coax, home brew tuneable band bass filter, Underlined new to log (with stereo)

JULY 1991 DX

3 Tr

1931 CIRV 88.7 ON Toronto, ID International Radio (WBFO nulled) 167

13 Au

1746 CJBX 92.7 ON London, WYUT is still of the air 257

13 GW

2313 WNNR 103.5 NY Sodus, r, new 47

18 Es: FL briefly 1842, no IDs

19 Es: FL/ Bahamas! 1728-2228, MUF 108

1728 WEEJ 100.1 FL Pt Charlotte, r 1166

1732 WQLM 92.9 FL Punta Gorda, Lite 93 FM 1168

1840 WOVV 95.5 FL Ft Pierce, SID 1109

1856 WYFO 91.9 FL Lakeland, gr, ID 1092

1900 WSCF 91.9 FL Vero Beach, FM92 1098

1917 WAYJ 88.7 FL Ft Myers, Way-FM 1187

2013 WPCF 100.1 FL Panama City, gr 1041

2023 WILN 105.9 FL Panama City, ID, r, Island 106 1041

JULY 19 Es cont.

2048 WUSA 100.7 FL Tampa, W101, r 1108

2107 WAKS 103.7 FL Cape Coral, Kiss 103.7 11922113

WFIT 89.5 FL Melbourne, r, ID 1070

2122 WCKT 107.1 FL Lehigh Acres, Singing ID, strong! 1184

2126 WAOA 107.1 FL Melbourne, 107 A1A, r, lcl ads, strong! 1070

2139 ----- 104.5 BAHAMAS Nassau - with hum in audio with promo for Paradise travel (WNBT nulled to SSE), talk show: Goldengate Assembly, Ambassador Hotel, Banana Boat, local ads, then at 2200 ID as Bahamas Radio Network! WX ck at 2209 then continuing talk show - Telephone # 55403 - New Political unit, country #3. Bahamas was heard 2139-2228, over 45 minutes! 1249

20 Es to GA 1629-1635

1629 WIXV 95.5 GA Savannah, I95 FM 811

27 Es in briefly at 2101-2110, no IDs

Totals at 1573. July DX ended on unusual note with Bahamas Es. This should be easy to log if 104.5 is open. I'm hoping someone will write up an article in the VUD on antenna phasers. Is it possible to build a simple passive tuneable phase shifter circuit box with 2 antenna coax input and 1 coax output to the rx? 73-Fred

TIME IS RUNNING OUT! REPORT YOUR DX TODAY!

STAR 107.7 fm

DAVE NIEMAN - HO-STA-GEH RD. - ROCK CITY, NY

All are new to Rock City log.
Fisher FM-226 tuner used.

JULY 1991 DX

3 tropo, groundwave & scatter

1624 WQED 89.3 PA Pittsburgh, ID, c$ 136
1724 CHEZ 106.1 ON Ottawa, "chez-FM", rp$ 272
1745 WBRR 100.1 PA Bradford, "cool-100", r$ 9
1800 WRRN 92.3 PA Warren, ID, b$ 35
1800 CJRT 91.1 ON Toronto, ID, c$ 126
1801 WGTS 91.9 MD Takoma Park, ID, c$ 223

Lots of RF imaging with this digital tuner. Not of much use for DXing.

Denon TU-720 tuner modified with (1) 150khz & (1) 180khz IF filter used this time down.

14 tropo & scatter

1027 WSRD 104.9 NY Johnstown, call, o$ 215
boosted "double the power" must be running 6KW
1103 WLQR 101.5 OH Toledo, call, mr$ 258
1112 WXHC 101.5 NY Homer, call, rm$ 131
1125 WHOT 101.1 OH Youngstown, call, r$ 134
1135 WJLB 97.9 MI Detroit, call, s$ 240
1137 WXTA 97.9 PA Edinboro, call, k$ 84
1140 WKWK 97.3 WV Wheeling, call, rm$ 179
1145 WCMF 96.5 NY Rochester, call, rp$ 94
1158 WKQS 96.5 PA Johnstown, "KISS-FM", o$ 122
1200 WPEL 96.5 PA Montrose, ID, g$ 130
1500 WKDN 106.9 NJ Camden, ID, g$ 232
1537 WBUC 101.3 WV Buckhannon, call, k$ 227
1548 WGRX 100.7 MD Westminster, "100-GRX", r$ 191
1700 WHGL 100.3 PA Canton, ID, k$ 89
1738 WJOI 97.1 MI Detroit, "JOY-97", b$ 240
1802 WGMM 97.7 NY Big Flats, ID, o$ 84
1853 WAMO 105.9 PA Pittsburgh, "HOT-106", s$ 136
1904 WFQX 99.3 VA Front Royal, ID, $ 216
1908 WHCM 99.1 WV Parkersburg, "Country-99", k$ 248

The Denon is'nt too bad; addding another 150khz filter should improve selectivity.

22 tropo & scatter

1000 WKAR 90.5 MI East Lansing, ID, c$ 309
1003 CHIN 100.7 ON Toronto, call, e$ 126
1055 CBL 94.1 ON Toronto, CBC $, c$ 126
1100 WUGN 99.7 MI Midland, ID, g$ 313
1104 WMGG 99.7 OH Columbus, call, r$ 276
1200 WSKG 89.3 NY Binghamton, ID, c$ 140
1211 WQLN 91.3 PA Erie, call, t$ 81
1259 WRVN 91.9 NY Utica, call, nx$ 171
1300 WCNY 91.3 NY Syracuse, call, c$ 134
1301 WJNY 90.9 NY Watertown, ID, c$ 183
1308 WUNY 89.5 NY Utica, WCNY call, c$ 171
1509 WGBI 101.3 PA Scranton, "Bright-101.3¾+ call, r$ 146
1513 CIQM 103.1 ON London, "Q-103", mr$ 156
1519 WGMS 103.5 DC Washington, call, c$ 227
1540 WCSX 105.9 VA Woodbridge, call, op$ 244
1557 WLTW 106.7 NY New York, call, mr$ 251
1603 WETA 90.9 DC Washington, call, c$ 227

27 tropo & scatter

Carver TX-11 IF modified & Antennacraft FM-10

0900 CIRV 88.7 ON Toronto, ID, e$ 126
0918 WRDR 104.9 NJ Egg Harbor City, call, m$ 266
1007 WNNR 103.5 NY Sodus, call, op$ 116
1020 WRIF 101.1 MI Detroit, call, rp$ 240
1100 WKGB 92.5 PA Susquehanna, ID, rp$ 156
1104 WYTN 91.7 OH Youngstown, Family Radio g$, 134
1112 WGRC 91.3 PA Lewisburg, call, $ 108
1213 WHTO 103.9 PA Muncy, "WHOT", r$ 104
1218 WSSZ 107.1 PA Greensburg, "Z-107", r$ 132
1220 WSAQ 107.1 MI Port Huron, "Q-Country-107¾call, k$ 209
1259 WECQ 101.7 NY Geneva, "CQ-102", mr$ 101
1300 WGMC 90.1 NY Greece, ID, $ 97

continued next month....

DAVE NIEMAN - 12284 NICE ROAD - AKRON NY 14001

Equipment: Unchanged. New to log are underlined.

JUNE 1991 DX

27 tropo

2029 WYTN 91.7 OH Youngstown, ID, g$ 170
2245 WKPK 106.7 MI Gaylord, call, r$ 341
2315 WWIS 99.7 WI Black River Falls, ID, r$ 622
2345 WHLA 90.3 WI LaCrosse,"Wisconsin Public Radio" t mono 646
2400 WGNV 88.5 WI Milladore, ID, g$ 576

28 tropo

0031 WIZM 93.3 WI LaCrosse,"Z-93", rp$ 646
0042 WMYX 99.1 WI Milwaukee, call, r$ 473
0100 WMGU 104.9 WI Stevens Point,"Magic-105" +call, s/off, r$ 561

29 E-skip

1425 WEBZ 99.3 FL Mexico Beach, "Easy-99.3" +call, m$ 983
2011 KXLS 99.7 OK Alva, call, r$ 1144

30 E-skip

1236 KSEC 93.3 CO Lamar, "KC-93" r$ 1300

JULY 1991 DX

1 E-skip

2000 WTMI 93.1 FL Miami, call, c$ 1202
2008 WHTK 99.7 SC Port Royal,call, r$ 747

1 E-skip continued

2013 WPCV 97.5 FL Winter Haven, "97 Country" +call, k$ 1052
2015 WIRK 107.9 FL W. Palm Bch., call, k$ 1134
2017 WYOC 104.9 FL High Springs, call, o$ 942
2029 WCLK 91.9 GA Atlanta, call, j$ 709
2045 WTVY 95.5 AL Dothan, call, k$ 921
2052 WTUF 106.3 GA Boston, call, o$ 898
2110 WAYS 99.1 GA Macon,"99-ways", rs$ 768
2129 KLAK 97.5 TX Durant,"K-LAK", rm$ 1154
2204 KEOM 88.3 TX Mesquite, call, r$ 1214

2 tropo

0758 WNJA 89.7 NY Jamestown, call, c$ testing//WNED-FM 73

4 troposcatter

1033 WCHX 105.5 PA Lewistown, call, o$ 175
1100 WMGH 105.5 PA Tamaqua, call, o$ 194

15 tropo & E-skip

0935 WXHC 101.5 NY Homer-Cortland,ID,rm$ 114
1950 [KKMK] 93.9 SD Rapid City,call, r$, ex-KKLS 1235
2324 WBWC 88.3 OH Berea, call, r$ 207

continued next month....

JIM RENFREW - 61 WILCOX ST. - ROCHESTER, NEW YORK 14607

Equipment: JVC Auto radio

JULY 1991 DX

2 Es (MUF: 103.5 Mhz, 1020-1332)

1245 KDSU 91.9 ND Fargo, jazz, EBS test

1245 KCRBt 88.5 MN Bemidji, news with annor Bob Potter of MPR's "Sound Money"

unID 91.1 St.Paul or Moorehead (MPR affl)

1300 uniD 101.9 Lite rock, Fargo? (KFGO is lite Rock, "Magic 102" slogan-gc)

1304 KBEM 88.5 MN Minneapolis, nx, then jazz

1310 WUNY 89.5 NY Utica, central NY wx, never anything but CIUT here, strange to finally get it during E-skip!

1328 KOSD 91.9 SD Lowry, classical mx then series of translator IDs for SD Public Radio

4 GW/Tr (took car up to Lake Ontario Shore)

0004 CBQ 91.5 ON Ottawa, CBC nx, then clas. (WXXI now off 0000-0600 daily because of bugdet problems: AM and TV schedule also reduced)

0015 WRVJ 91.7 NY Watertown, with WRVO/ WRVN/WRVJ s/off, to be back at 0500.

0021 WICB 91.7 NY Ithaca, alternative rock

0051 CIXK 106.5 ON Owen Sound, ecelctic mx mix

0105 unID 88.7 deep fade under WBFO, Spanish vocals, CIRV?? (Good possibility-gc)

0215 unID 91.9 someone with test one-CBF? (though 690 had music)

0235 WHLM 106.5 PA Bloomsburg, Mix 106 uWYRK

0300 WVIA 89.9 PA Scranton-Wilkes Barre-Hazelton, classical music over WFBF

0315 CBOF9 88.7 PQ Chapeau, // 90.7, over WBFO

5 Tr

0024 WQLN 91.3 PA Erie, announcmnt, 0030 s /off

1539 CKLN 88.1 ON Toronto, weak with reggae and rap (WFRW off, 20 minutes before this I was laying in a golfcourse fairway ducking lightning bolts so maybe WFRW got zapped?)

7 Tr-TrS

1258 WOSU 88.9 PA Selinsgrove, tuned into sign on announcement mentt 12,000 & Susquehanna U.

1313 WWWW 106.7 MI Detroit, W-4 ID, country

1321 WNWV 107.3 OH Elyria, jazz, Kool FM IDs

WDBA 107.3 PA DuBois, with self-described fundamentalist preacher

1330 WAMO 105.9 PA Pittsburgh, "We put our music where our mouth is", and ID

1353 unID 91.9 spurts of Garrison Keilor show

1404 WCTL 106.3 PA Union City, USA news ID, Focus on the Family show

12 Tr-TrS

1448 WSNE 93.3 MA Taunton, Sunny 93 ID, burped in o/WWSE. They're the only Sunny 93 listed in the FM Atlas. (When I called them back in March to confirm a suspected Auroral logging of them, they said that they had switched to "Mix 93.3" But maybe they have switched back. Does anyone know?-gc)

1635 WCSX 94.7 MI Birmingham, "CSX" ID and another "classic rock block"

1640 WNWV 107.3 OH Elyria

16 Tr/GW

1347 WJCHt 91.9 IL Joliet, scatter with Harold Carling of Family Radio // WFRW 88.1 (only network outlet on 91.9 according to 1991 Broadcasting Yearbook) (Jim, they did come in here that evening, along with some other IL-WI stations-gc)

1348 WTNY 93.5 NY Watertown, strong fades of T-93 and rock over unusually weak CBC

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JULY 16th contiued

1457 WNNR 103.5 NY Sodus **, poor, but tearing up CIDC with "The New Mix" IDs, testing (some dead air) Next day says 3800 watts, 3200 Bear Swamp Rd, Williamson-Sodus-ROCHESTER "rim-shot" IDs (not good at all on east side where I live), formal sign on 7/19. Promises Stones, Genesis, Police (They have a horrible signal, at least so far. They are practically non-existant in Clarence at only 65 miles! Pointed right at them I have only heard them once, too much interference from CIDC and WSHQ!-gc)

18 Tr-Es (MUF: 106.7, 1804-1854)

1250 WBBG 93.3 OH Youngstown, with oldies and ID under WWSE (finally!)

1804 unID 91.9 "Really good stuff on C-92" KTCC?

1827 KNEN 94.7 NE Norfolk, "#1 fun station KNEN" in for 45 min, rock ,unID 106.7 was fading with KNEN, possibly KEXL, (Rock)

1846 KTCC 91.9 KS Colby, T-92, Colby Street Address, furthest Es I think for me

Strange Es, no sign of it on 87.7 (Ch 6), and not evident on many open frequencies. Thought I had weird tropo.

19 Es (MUF: 107.9, 1651-1755)

1451 unID 107.3, UNID station testing with poorly modulated country-western music, no announcements, suddenly of 1513. WFUD Honeoye Falls,NY?

1600 WFRW 88.1 off again, so I drove up to Lake Ontario and lucked out with Es beginning! (Nothing noted on TV channel 2 at 1630)

1651 WAYJ 88.7 FL Ft.Myers, USA nes, ID

1659 WMNF 88.5 FL Tampa, local calender annct

1700 WLPT 88.3 GA Jesup, with ID

1705 WFCE 88.9 FL Tarpon Springs,

WYFO 91.9 FL Lakeland, // 88.9

1707 WJIS 88.1 FL Bradenton, AP sports, ID

1709 WXXL 106.7 FL Leesburg, local ads,ID, "XL"

1710 WAXY 105.9 FL Ft.Lauderdale, local traffic ID as "Mix 105.9", unID oldies under (WOCL?-gc)

1715 WCRJ 107.3 FL Jacksonville, ID, country

1716 WMXI 102.7 FL Pompano Beach, Broward County traffic, Magic ID

1717 WEEJ 100.1 FL Pt.Charlotte, Coast 100 ID

1719 unID 94.1 ezl (WEZY Lakeland maybe-gc)

1721 WHEW 101.9 FL Ft.Myers,ID, country

1723 WLRQ 99.3 FL Cocoa, "Brevard County's own lite rock 99.3" ID

1723 WMMZ 93.7 FL Ocala, "Z93", local promo with the "Z-Gator"

1731 WQLM 92.9 FL Punta Gorda, ID and Port Charlotte Country Club mention

1733 unID 92.9, Kiss or Kicks FM slogan, rock WQLM? (I think they are "Lite FM"-gc)

1740 WSOR 90.9 FL Naples, local ad, ID, and contemporary Christian music (announcer said a listener from State College,PA called in with a music request!)

1805 when I got home, nothing on TV

Even my wife noticed Es while driving, asking me what strange station is on 89.5 after she got home!

JIM'S COMMENTS ON THE NEXT PAGE.

1310 wtlb AM STEREO

ROCK 107 —the exciting fm

JIM RENFREW's comments.

Regarding July 4, I don't often get to take the car out in the middle of the night - the new WXXI s/off was my incentive! CJRT 91.1 rad a piercing tone all night. CBC stations on 93.5, 105.9, and 107.5 ran an open carrier all night after 0110 (91.5 with intermittent OC). CBL 740 was finally off the air (after months of 24 hrs), but CBL 94.1 and CBOQ 103.3 on all night with classical. WAER 88.3 and WBSU 89.1 off after 0200. WGMC 90.1 and WSQG 90.9 off after 0100, WGMC s/on is 0600. WFRW 88.1 (Family Radio), WCII 88.5 (Family Life Network), WBFO 88.7 (jazz), WMHN 89.3 (Mars Hill Network), CIUT 89.5 (talk, rock), WEOS 89.7 (BBC programs), WFBF 89.9 (Family Radio), WBER 90.5 (alternative rock), CBOF 90.7 (French CBC), and WMHNt 90.9 were on all night. All other locals apparently 24 hrs. A friend tells me WEOS is doing NPR feed more often in its schedule. Regarding WGSG 89.5 (reported last month); The director called me on the phone. Said they are still in the CP testing phase, and s/off around 8pm. They are trying to resolve interaction between their antenna system and local dairy farm equipment. He wasn't aware of E-skip and found my reception amazing, especially when I told him it was on the car radio. I told him to expect reports from many others. Format is Southern Gospel music. PO Box 644 Mayo,FL. He promised an immediate QSL....still waiting. WNNR 103.5 is unexpected bad news as I was still looking for WSHQ. 93.3, 99.7, 102.7, 105.9, 106.7, 107.3 all due to sign on. 93.3 Avon is scheduled for 8/15 s/on according to station personnel. Can't find a telephone number for 107.3

JOHN EBELING - 9209 VINCENT AVE. - BLOOMINGTON, MINNESOTA 55431-2157

FROM CABIN AT ALBORN,MINN (TIMES CST)

JUNE 1991 DX

30 Es

2157 WMQX 93.1 NC Winston-Salem
2158 WKRR 92.3 NC Asheboro, "Rock 92"
2200 WUNC 91.5 NC Chapel Hill
2208 WRNS 95.1 NC Kinston, k
2210 WHPE 95.5 NC High Point, g
2227 WHLZ 92.5 SC Manning, "Wheels"
2234 WAVF 96.1 SC Hanahan-Charleston, r
2245 WOCW 92.1 SC Parris Island
2300 WUOT 91.9 TN Knoxville
2302 WEZK 97.5 TN Knoxville
2306 WGNC 95.5 GA Athens, +SCA, k
2313 WDEF 92.3 TN Chattanooga, m
2333 WTVY 95.5 AL Dothan, k

JULY 1991 DX

1 Es

0755 WUWF 88.1 FL Pensacola
0833 KOB 93.3 NM Alberquerque
0836 KSEC 93.3 CO Lamar, k, "KC93" used
0841 KKWZ 93.7 UT Richfield
0900 KKOR 94.5 NM Gallup
0900 KKXK 94.1 CO Montrose
0907 KALQ 93.5 CO Alamosa
0909 KXAZ 93.5 AZ Page, many local ads
0918 KVRH 92.1 CO Salida
0923 KTRA 102.1 NM Farmington, k
0927 KVLE 102.3 CO Gunnison
0930 KPRQ 100.9 UT Prince, "KRPX/Q101" +X SCA
0936 KKJY 100.3 NM Alberquerque, J-Joy
0943 KOMP 92.3 NV Las Vegas, traffic rpt "The Rock of Las Vegas"
0945 KWNR 95.5 NV Henderson
0949 KVNA 97.5 AZ Flagstaff,The Heat, dumb!!
0953 KDHT 92.5 CO Greely
1000 KUNM 89.9 NM Alberquerque
1000 KNPR 89.5 NV Las Vegas
1002 KCRT 92.7 CO Trinidad, r
1003 KCEP 88.1 NV Las Vegas
1015 KBLJ 92.1 CO La Junta
1018 KFLQ 91.5 NM Alberquerque
1022 KNYN 95.5 NM Santa Fe, k
1043 WVFJ 93.3 GA Manchester, Joy FM,wx
1055 WQIK 99.1 FL Jacksonville, wx

JULY 2 Es

0848 WXRK 92.3 NY New York, "K-Rock"
0858 WPAT 93.1 NJ Paterson
0858 WSNE 93.3 MA Taunton
0859 WHJY 94.1 RI Providence, "94HJJ

0906 WNYE 91.5 NY New York, phone (718) 855-8858, could've won circus tickets
0912 WROW 95.5 NY Albany
0913 WUNC 91.5 NC Chapel Hill
0920 WQOK 97.5 VA South Boston, K 97.5
0930 WAWZ 99.1 NJ Zarepath, g
0930 WNCN 104.3 NY New York
0939 WBLI 106.1 NY Patchogue
0941 WBLS 107.5 NY New York
0944 WEZQ 107.7 NY Wethersfield, m
0947 WHTZ 100.3 NY Newark,r, "Z100"
0955 WKOJ 92.7 NY Middletown
1001 WALK 97.5 NY Patchogue, r
1002 WSLU 89.5 NY Canton
1003 WPKN 89.5 CT Bridgeport
1008 WRKS 98.7 NY New York, Kiss
1030 WBGO 88.3 NJ Newark, Jazz 88
1034 WLEZ 92.7 NY Elmira
1040 WFME 94.7 NJ Newark
1043 WXBA 88.1 NY Brentwood, 180 watts 2 good IDs
1105 WBBG 93.3 OH Youngstown, "Oldies"
Funny what comes in at the end of an Es !!

5 Es

1924 KMZG 93.1 ID New Plymouth

22 Es

1555 WFLS 93.3 VA Fredericksburg
1600 WALI 90.3 MD Grantsville, g, Note #1

FROM HOME, BLOOMINGTON, MINNESOTA:

JULY 1991 DX

18 Es

0755 WMPR 90.1 MS Jackson
0758 WMAW 88.1 MS Meridian

18 Tr

1702 WDZQ 95.1 IL Decatur, Q-Country
1917 WWIS 99.7 WI Black River Falls
1943 WYKY 100.5 WI Columbus-Sun Prairie

Note #1: ID with WLIC 97.1 Frostburg (MD), and WRIJ 106.9 Masontown (PA).

That's about it from here. It appears Es has been down this year, at least here in MN. Regards

DANIEL OETTING - 22 CARRAIGE LANE - EXTON, PENNSYLVANIA 19341

Equipment: Harmin Kardon Citation 23, Yamaha T70, Archer 20db booster, rabbit ears

JUNE 1991 DX
24 GW
2200 WXVU 89.1 PA Villanova,pr, ID
30 Es
1805 ZBM 89.1 BERMUDA, Hamilton!, Hot Rod Hearts-Robbie Dupree followed by "on Zed-BM, in Bermuda" quite strong and steady at times. Inconsistencies in sound quality of songs. The've too many muddy carts. Format: Adult contemporary, (I think they are satellite fed, from the U.S.-gc), My 3rd positively IDed country.

JULY 1991 DX
1 Es
1208 FM band begins opening up with Es
1211 WBLX 92.9 AL Mobile, s
1250 KNIN 92.9 TX Wichita Falls, r
1300 WBSN 89.1 LA New Orleans, g, ID
1302 WRBH 88.3 LA New Orleans,t, ID
1420-1451 off FM, also off 1506-1526
1603 KKBQ 92.9 TX Pasadena, "93Q",r weather forecast for Houston
1721 KQID 93.1 LA Alexandria,r, ID
1730 KLSA 90.7 LA Alexandria, ID in between NPR shows
1820-1940 Es off FM again
2000 WFFN 95.3 AL Cordova, ID
2000 WADI 95.3 MS Corinth, ID
2005 WZGC 92.9 GA Atlanta,classic rock
2020 WTUG 92.9 AL Tuscaloosa, Power 93 TUG, wx for Birmingham and Tusca.

July 1st E.skip continued.
2028 KDAQ 89.9 LA Shreveport, ID "Art Radio for the Arklatex"
2030 WNJC 88.9 MS Senatobia, ID with 90.1 WJ??? (TN?)
2045 WCKW 92.3 LA LaPlace, classic rock
2050 WOKK 97.1 MS Meridian, ID, k
2105 WJDX 96.3 MS Jackson, Mix 96, r
2110 uniD 97.1 "KAMD 97 Country" (Dan, this is KAMD Camden, Arkansas-gc)
2131 WURC 88.1 MS Holly Springs,ID, gospel music
2145 Es finally off FM for the day. Whew!
2 Es
0936 CBQ 88.3 ON Thunder Bay, CBC tlk
0940 CBON20 89.3 ON Thunder Bay, FF, tm
0947 Es off FM
20 Es
1749 KNIN 92.9 TX Wichita Falls,r, Power 93-KNIN!
1754 WLTJ 92.9 PA Pittsburgh,rm, in very well, backscatter?
1800 WMAW 88.1 MS Meridian, ID
1802 KABF 88.3 AR Little Rock, ID, j
1804 uniD 95.3 AL Alabama News
1806 uniD 97.1 "The New V-97". pop (Could it have been B-97, WEZB-LA?-gc)
22 Es
0845 KETR 88.9 TX Commerce, wx and temps for Commerce, Texas.

The Es on 7/1 was weird. All day long, channel 4 fron New Orleans was in. I've never seen an E-skip opening over one area for so long (11:30AM-10:00PM-Louisiana skip!) (There was skip that long here too, but strangely enough it was moving here, Kansas to Oklahoma, to Texas, to Florida, back to Texas/LA?!?-gc)

ED HANLON - 165 SOUTH ROAD - BOLTON, CONNETICUT 06043

Equipment: MR78 mod, magnum dynalab Etude (mod), 284" log yagi (home made, not an FM13), RG6, HD73 rotor, Signal Sleuth 205

MAY 31 Tr (local WKCI 101.3 off)
2355 WSSV 101.3 NY Stillwater
2359 WGSI 101.3 PA Scranton

JUNE 1991 DX
1 Tr
0015 WCHR 94.5 NJ Trenton
0025 WCTO 94.3 NY Smithown,Magic
3 Tr
1845 WCLZ 98.9 ME Brunswick,"Breeze"
1847 WOKO 98.9 VT Burlington
1850 WKLX 98.9 NY Rochester
1852 WUSL 98.9 PA Philadelphia, Power 99
1857 WBSS 97.3 NJ Millville, Boss 97
2105 WVOS 95.9 NY Liberty
2130 CKMF 94.3 PQ Montreal, French
4 Tr
2045 WYSP 94.1 PA Philadelphia,
5 Tr
2119 WJBR 99.5 DE Wilmington
2127 WUUU 102.5 NY Rome, "Mack the Knife"
9 Tr
2140 WJRZ 100.1 NJ Manahawkin, Kasey Kasem, IDed station as 100.5!!
2200 W267AQ 103.1 NJ Fort Lee, WDRE
2210 WOBM 92.7 NJ Toms River
WFAS 103.9 NY White Plains
2300 WHTG 106.3 NJ Eatontown, 106-3

JUNE 29 Es
1300 WFOX 97.1 GA Gainesville, Fox 97
1630 WSHW 99.7 IN Frankfort,
30 Tr
2215 W276AV 103.1 CT Stamford, (translator WQXR 96.3 NYC)

JULY 1991 DX
1 Es
2016 WQLT 107.3 AL Florence
2020 WKMX 106.7 AL Enterprise,KMX
2040 WOKK 97.1 MS Meridian
2042 WHRK 97.1 TN Memphis
2045 WBBN 95.9 MS Taylorsville, B95
WJDX 96.3 MS Jackson, Mix 96
WLZA 96.1 MS Eupora, Laser 96
WJMI 99.7 MS Jackson, Power 99
WHHY 101.9 AL Montgomery,
2140 WDST 100.1 NY Woodstock
WPOR 101.9 ME Portland (Tr)
2 Es
1159 KQWB 98.7 MN Moorhead, Q98
5 Es
1145 WZTA 94.9 FL Miami Bch, Zeta 94
11 Tr (local WPLR 99.1 off)
1010 WPLM 99.1 MA Plymouth
1015 WAWZ 99.1 NJ Zarepath
12 Tr
1930 WYFI 99.7 VA Norfolk
1931 WMXN 105.3 VA Norfolk

ED HANLON'S REPORT continued.

JULY 16 Tr
2115 WQRC 99.9 MA Bartstable, thru co-channel "local"
20 Tr
0915 WYXR 104.5 PA Philadelphia, Star 104.5
1645 WYSP 94.1 PA Philadelphia
20 Es
1630 WOOF 99.7 AL Dothan, Woof FM
1642 WKSJ 94.9 AL Mobile
1643 WBLX 92.9 AL Mobile
1650 WMEZ 94.1 FL Pensacola, verified by phone-blew their minds!
1704 WXBM 102.7 FL Milton
21 Tr
1130 WOKQ 97.5 NH Dover
1142 WPOR 101.9 ME Portland
23 Tr
1930 WKDN 106.9 NJ Camden, WCCC off
WPAT 93.1 NJ Paterson,o/WHYN
WYSP 94.1 PA Philadelphia

JULY 25 Tr
2300 WASH 97.1 DC Washington, thru NYC's WQHT
27 Tr
0930 WPAT 93.1 NJ Paterson
WFME 94.7 NJ Newark
31 Es
1820 WKSJ 94.9 AL Mobile
1830 WABB 97.5 AL Mobile, "Just Wanna Hold You Tight"
1835 WPST 97.5 NJ Trenton (tr)
1840 WCHR 94.5 NJ Trenton, over semi-local WZOU.
31 Es and Tr
WMEZ 94.1 FL Pensacola
2105 WMJQ 102.5 NY Buffalo, "Perfect World" by Huey Lewis

WBF088.7FM

Came home after softball on May 31 to find local WKCI off the air. On 7-11 WPLR (99.1) went down, and 7-23 WCCC 106.9 did also. I wish it would happen more often. Don't ya hate it when they come back on, and you've got the volume cranked trying to hear the station far away? Picked up a new toy this month, the Signal Sleuth 205 from Magnum Dynalab. After using it on both the MR-78 and Etude, I'm convinced that it can improve the performance of any tunder. Several of this months' catches were made possible by the 205. It's especially good for use while "sitting" on an empty frequency, as sensitivity is greatly improved. For those of us that have added filter, the gain in senstivity is welcome. Thanks to Todd Brandenburg for IDing Y-97 KMMY in Muskogee, OK (from 5-29). Until next month, 73's Ed

J. JOEL ROSENBERG - 19 GLENAYR ROAD - RICHMOND HILL, ONTARIO CANADA L4B 2W3

MAY 29, 1991 Tr
0001 WCII 88.5 NY Spencer? (yee-gc)
0005 WZSH 95.1 NY South Bristol-Rochester Wish 95, between locals on 94.9 & 95.3
0008 WAAL 99.1 NY Binghamton
JUNE 1991
6 GW
2200 CJFT 101.1 ON Fort Erie
7 Tr
2200 CBOF 90.7 ON Ottawa
11 Tr
2234 unID 91.7 "WRVO group" (Joel, this is WRVJ Watertown-gc)
2238 unID 100.3 tone (This is Ottawa, but I do not know of any calls assigned yet-gc)
2305 CBQ 91.5 ON Ottawa

June 12 Tr
2244 WNIC 100.3 MI Detroit
17 GW
1730 CKIE 99.1 ON Toronto, French, on for one week, Francophone weak "ID as Say-ka-ee-uh"
JULY 1991
1 Es
1251 WMAV 88.9 MS Bude
1307 KCBI 90.9 TX Dallas
1328 KVTT 91.7 TX Dallas
17 GW
0815 WZSH 95.1 NY S.Bristol, local 94.9 off

Molson Indy station on 91.9 seemed weaker this year. oh well. Hopefully things will pick up. 73s, Joel

GREG CONIGLIO - 5100 GLENWOOD DRIVE - WILLIAMSVILLE, NEW YORK 14221
Equipment: Carver TX11 (mod with 3 150s), SP9 at about 25', CAC11& RG6 coax, rabbit ears also used into RS 0-10-20 amp for phasing purposes

JULY 1 Es cont from last month
2115 KXKZ 107.5 LA Ruston, Kicks KZ, k$ 1043
2122 (KDMX) 102.9 TX Dallas, Mix 102.9, r$ ex: KMGC 1224
2124 KKDA 104.5 TX Dallas, K104, s$, way over Chum-FM !! 1224
2127 KPLX 99.5 TX Fort Worth, ads, k$, weather, "K-Plex" way o/105 kw icl WDCX! 1224
This was one strong opening.
2130 KSSA 106.9 TX McKinney, SS, Mono 1162
2131 KDGE 94.5 TX Gainesville, modern rck
The Edge, over WNED (100kw) - 1165

July 2 Es
1129 KEZZ 94.3 MN Aitkin, rm$, calls 772
1132 KMCM 92.5 MT Miles City, KM92, ad
I wonder if this was short double hop? 1349
1134 KFGO 101.9 ND Fargo, Magic 102, r$ 912
1137 KLLZ 99.1 MN Walker, r$, "KLZ-FM Minnesota's Power Loon" 822
1140 KYCK 97.1 MN Crookston, 97 Kick FM 926
1142 WSCD 92.9 MN Duluth, MPR, c$, wx, this and uniD top 40 over local WBUF
Another strong opening! 703

GREG CONIGLIO'S REPORT continued

JULY 2nd es cont.
1145 CHIQ 94.3 MB Winnipeg, Q-94 1000
1151 KJKJ 107.5 ND Grand Forks, ad, KJ108 948
1157 unID 99.3 sounds like "Mitch 99" not "Mix 99" but could just be a DJ accent?
1200 KZLT 104.3 MN E.Grand Forks, rm$ legal ID jingle with Grand Forks 941
1202 CKSB7 89.1 ON Fort Frances, French 804
1203 KSRO 90.1 MN Thief River Falls, local PSAs 912
1205 WHBM 90.3 WI Park Rapids, Wisc Pub Radio ID, Mono, one of my shortest Es, and just heard west WI 3 days ago via trop! 610
1206 KDKK 97.5 MN Park Rapids, wx 837
1220 KDAL 95.7 MN Duluth, rk$, 96 Lite FM 3rd log via both Tr/Es, other 2: KSHE,WSIU 703
1237 KKDL 95.1 MN Detroit Lakes, Cool 95 875
1306 KFJM 89.3 ND Grand Forks, c$, wx, legal with Devil's Lake and Thief R. Falls 948
5 GW/TrS (WDCX 99.5 off)
1500 CJFT 101.1 ON Ft.Erie, noted putting spurs on 99.5 and 102.7, they get out well; I heard them at convention site in Dunkirk, also had them local strength in Ft.Erie 18
WJBR,WGAR also heard on 99.5
2200 WNJA 89.7 NY Jamestown, new local c$, relayer of WNED 94.5 Buffalo 65
8 Es
1130 WFFF 96.7 MS Columbiua, legal, nx 1010
1300 KRTS 92.1 TX Seabrook, calls heard o/CKPC on car radio en route to work 1287
1421 WEEJ 100.1 FL Port Charlotte, Coast 1121
1423 WPCV 97.5 FL Winter Haven, k$ 1050
Thanks to my brother for logging these 2
13 Au
1655 WGTS 91.9 MD Tacoma Park, calls 290
1800 WNSC 88.9 SC Rock Hill, tuned in to network chain, expected WV but heard WEPR 90.1 and WRJA 88.1 mentioned 573
16 Tr
0900 Cleveland FMs local
0901 WPOS 102.3 OH Holland, g$, local 257
0904 WHKO 99.9 OH Toledo, k$, K-100 way over local CKFM Toronto 255
0911 WTWR 98.3 MI Monroe, Tower 98, r$ 245
0915 CKMF 94.3 / CITE 107.3 Montreal full scale
0918 CFLGt 104.5 ON Cornwall, b$ o/CHUM
0938 KFMH 99.7 IA Muscatine, rp$ 639
0954 WSHW 99.7 IN Frankfort, ads 440
0958 WWWM 105.5 OH Sylvania, local like 262
1010 WRED 95.7 OH Gibsonburg, very good k$, calls given as "WTOD" 260
1945 W288AR 105.5 NY E.Rochester, WZSH 60
2215 WKLT 97.5 MI Kalkaska, calls 341
2225 WHAD 90.7 WI Delafield, WPR Mono 482
2250 KFMH 99.7 IA Muscatine, back again! 639
This time even stronger!, 99+
2330 WZOK 97.5 IL Rockford, T40$, 97ZOK 522
2335 WXRX 104.9 IL Belvidere, rp$, The X 512
2337 WMYX 99.1 WI Milwaukee, rm$, calls 460
2356 WDEK 92.5 IL DeKalb, All Hit 92.5 510
17 Tr
0000 WNIJ 90.5 IL Rockford, j$, ID with De Kalb 522
0021 WRIZ 106.3 MI Lakeview, Star 106.3 331
0029 WDCB 90.9 IL Glen Ellyn, DuPage college, news promo, all alone on freq 479
0057 WBLV 90.3 MI Twin Lake, Blue Lake R 370
0100 WDLM 89.3 IL East Moline, g$, legal ID 599
18 Es
0945 KINF 91.9 KS Garden City, sign on 1161
1830 KGLI 95.5 IA Sioux City, r$, KG-95, same state on Es & Tr in 24 hrs! 878
1835 KOGA 99.7 NE Ogalalla, rm$, calls 1171
1836 KSID 98.7 NE Sidney, rm$, Bright 98 1230
1845 WPIG 95.7 NY Olean, strong k$ fading in and out like Es, backscatter?! 67
1939 WJDR 98.3 MS Prentiss, calls, wx 991
1957 KQXY 94.1 TX Beaumont, o/CBL-FM 1223
2016 unID 91.9 Spanish language heard
19 Tr
0250 WBLS 107.5 NY New York, CBCK off sj$ in and out with WYCL & WGPR 287
19 Es
1620 WCTQ 92.1 FL Venice, ads, tape 1115
1624 WLRQ 99.3 FL Cocoa, Lite 99, lcl wx 1020
1636 WDNA 88.9 FL Miami, local annct 1190
1900 WGUF 92.7 FL Marco,SW FL's Lite 1175
1902 WSRZ 106.3 FL Sarasota, Oldies 106 1100
1905 WLVU 106.3 FL Holliday, calls heard and a mention of Frank Sinatra 1048
1912 WOZN 98.7 FL Key West, op$, live remote from K.West, Classic Rock 98.7 1282
2059 WEAT 104.3 FL W.Palm Beach, lgl ID 1121
2100 WYGC 100.9 FL Gainesville, Gator Cntry GC101- took a long time to ID 948
20 Es
0015 WMZX 95.7 LA New Orleans, Mix 95.7 1096
1624 WOCL 105.9 FL DeLand, Cool 105.9 o$ 970
1641 WPCV 97.5 FL Winter Haven, k$ 1045
1700 WEDR 99.1 FL Miami, 99 Jams, rs$ 1198
1745 WTVY 95.5 AL Dothan, k$, FM 95,cls 847
1800 WSFP 90.1 FL Ft.Myers, legal /WUSF 1148
1800 WSOR 90.9 FL Naples, g$, multi ID with Ft.Myers, Cape Coral, Port Charlotte 1170
1814 WDDQ 92.1 GA Adel, continous ads for Exit 10 on I-75, "Exit 10 Radio" 862
1900 KYKR 93.3 TX Beaumont, k$, legal ID 1223
28 Tr
1100 WNNR 103.5 NY Sodus, classic rock from the bird I think, very poor signal; they will have a tough time rim shotting Rochester with CIDC on the air 68
30 MS
2351 WIL 92.3 MO St.Louis, ad for a Miss River Gambling boat to stop here in Alton, Ill. 688
AUGUST 1991 DX
1 Tr
2310 WYYY 94.5 NY Syracuse, o/WNED L&C 131
2316 WPHB 105.9 PA Phillibsburg, k$, B105 slogan, very strong signal 150
3 Tr (Local WBNY 91.3 Buffalo off, also semi locals WOLN Erie & WCNY Syracuse off too!!)
0104 WESM 91.3 MD Princess Anne, in very good with ID after news. 368
0106 WYEP 91.3 PA Pittsburgh, calls, modern rock (p$), REM, Farm, Cure,etc 188
6 Tr
1101 WXHC 101.5 NY Homer, calls, mr$, very tough due to CFMP Peterburough 130

Glad to have seen everyone at the convention-it was fun. Despite July picking up some, this was likely my worst Es year since I began in 1986.

:SOUTHERN · FM DX:

Danny Buntin
1312 N. Skyline
Stillwater, OK 74075

SEPTEMBER 1991 DEADLINE 14th

SOUTHERN FM DX FOR REPORTERS FROM: AL, AR, AZ, CA, CO, DE, DE, FL, GA, HI, KS, KY, LA, MD, MO, MS, NC, NM, NV, OK, SC, TN, TX, UT, VA & WV. Report today!

SHORT DISTANCE HOP, A HIGHLIGHT FROM THIS YEAR'S MODEST SEASON.

Chester P. Royster WB40HC, RFD Box 23, Freeman, VA 23856
Equipt.: Pioneer 8100 tuner with 3 150 khz filters, stacked FM-13's at 25' and 18'.

7/19 Es EDT
1630 WWFR 91.7 FL Okeechobee
1651 WJIS 88.1 FL Bradenton
1654 WJNF 91.1 FL Marianna
1659 WSVH 91.1 GA Albany
1708 WKGC 90.7 FL Panama City
1711 WMNF 88.5 FL Tampa
1715 WJIZ 96.3 GA Albany
1954 KMXR 93.9 TX Corpus Christi
2000 WMBV 91.9 AL Dixon Mills
2014 WQZX 94.3 AL Greenville
2020 KIEL 96.3 AL Greenville
2023 WDJR 96.9 AL Enterprise
2027 WYZB 105.5 FL Fort Walton
2032 KQXL 106.5 LA New Roads
2037 WEZB 97.1 LA New Orleans
2044 WBLX 92.9 AL Mobile
2050 WXFX 95.1 AL Prattville
2052 WCKW 92.3 LA Laplace
2053 WKNN 99.1 MS Pascagoula

7/20 Es
1905 WLPE 91.7 GA Augusta

7/26 Es
2039 KBEM 88.5 MN Minneaplis

7/30 Es
1654 WKGC 90.7 FL Panama City
1700 WUWF 88.1 FL Pensacola
1712 WBSN 89.1 LA New Orleans
1719 WYLD 98.5 LA New Orleans
1723 WQUE 93.3 LA New Orleans
1726 WKSJ 94.9 AL Mobile

7/31
1633 WMNF 88.5 FL Tampa
1642 WKSM 99.5 FL Fort Walton
1645 WKRG 99.9 AL Mobile
1744 KLSU 91.1 LA Baton Rouge
1759 WJDX 96.3 MS Jackson
1859 KRVS 88.7 LA Lafayette

Did stagger stack two FM-13s. Achieved about ½ s unit of increased signal refection. This enhancement permitted the reception of WQSM Fayetteville, NC when the array's backside was oriented towards WTVR Richmond, VA 55 miles.

Jeff Kruszka, 2824-E Steamship Cir., Harahan, LA 70123 CDT
Equipt.: JVC R-K200 receiver, handheld dipole antenna

5/19 Es
1207 KMOR 92.9 NE Scottsbluff

5/29 Es
1756 WMMQ 92.7 MI Lansing, ID
1836 WOLX 94.9 WI Madison, ID
1846 WVIC 94.9 MI E. Lansing, ID
1847 WSCK 92.9 MN Duluth, ID
1850 KZOC 92.7 KS Osage City, "KZ93",k
1851 KWYR 94.7 CO Boulder, "the new KHIH, K-high 94.7"

6/24 Es
1950 unIDs 92.9, 93.9, 97.7 Mexico

7-14 Es
2023 WDOR 93.9 WI Sturgeon Bay, ID, black contempory mx

7-18 Es (short Es)
1955 KXPZt 92.9 CO "oldies 92.9", (in car)
2012 unID 92.7 TX mentions of w. TX
2015 KOLT 105.9 ?? "KOLT 106", k
KHYI 94.9 TX Dallas, Power 95,(very short)
2038 KBIM 94.9 NM Roswel, ID
2036 KILO 93.9 CO Pueblo ment., ID
2045 KECO 96.5 OK Elk City, ID
2046 KKFM 96.5 CO Colorado Springs, ID
2052 KKIK 93.7 TX Lubock, ID

7-31 Es
1938 unID 93.9 B-94

Here's my report for the summer so far.Probabl the worst FM skip season I've ever experienced- hardly anything to report.

Keith D. Pugh, 227 Martin St., New Hope, AL 35760
Equipt.: McIntosh MR78, Probe 9

7/1 Es
0011 CBQ 88.3 ON Thunder Bay, s/off-ID
0031 WSCD 92.9 NM Duluth, wx alert
0032 WAKX 98.9 MN Duluth, "Classic Hits 99 WAX"
0106 CHIQ 94.3 MB Winnipeg, "Q-94"
1100 WHSA 89.9 WI Bruce, ID
1204 CBQ 88.3 ON Thunder BAy, ID again
1204+ spotty MUF to 100.9 Canada
1822 WXTU 92.5 PA Philly, "Country 92, ID
1827 WHJY 94.1 RI Providence, "94HJY"
1836 WWBB 101.5 RI Providence, "all oldies B-101"
1838 WKBX 101.5 ?? op
1839 WQHT 97.1 NY New York, Hot 97"
1840 WBLQ 99.3 RI Block Island, r, ID

7/1 Es
1841 unID 98.9 "The Breeze", new age mx
1842 WKZS 99.9 ME Auburn, "Kiss-100"
1842 WHEB 100.3 NH Portsmouth, ID
1843 WHMP 99.3 MA Northhampton, "HMP-FM"
1844 WLKZ 104.9 NH Wolfeboro, ID, Lakes FM
1845 unID 107.1 "B-107 w/Lee Bo"
1848 WKCI 101.3 CT Hamden, "KC-101"
1849 WXKS 107.9 MA Medford, "Kiss 108"
1849 WWHB 107.1 NY Hampton Bays, ID
1850 WPOR 101.9 ME Portland, ads, ID
1851 WBLM 102.9 ME Portland, rp, ID
1859 WFCC 107.5 MA Chatham, ID
1900 WMJX 106.7 MA Boston, ID
1901 WBCN 104.1 MA Boston, ID
1902 WQRC 99.9 MA Barnstable, ID.....CONT....

7/1 Es
1903 WCQL 95.3 ME York Center, "Cool 95.3"
1911 WBLS 107.5 NY New York, s, ID
1915 WQQQ 96.7 CT Stamford, ads, "Q96.7"
1919 WXHT 99.9 PA Easton, ID
1920 WJLK 94.3 NJ Asbury Park, ID
1922 WPNH 100.1 NH Plymouth, ID
1924 WMGX 93.1 ME Portland, ID
1926 WROW 95.5 NY Albany, wx, ID
1927 WKHLt 95.5 PA Saladasburg,"Cool Radio"
1192 WOKQ 97.5 NH Dover, ID
1931 WSSH 99.5 MA Lowell, ID
1932 WKXE 95.3 VT White River Falls, ad
1937 WCOD 106.1 MA Hyannis, ID
1939 WIMX 99.3 PA Harrisburg, "WMIX"
1949 WBAB 102.3 NY Babylon, ID
2001 WEVO 89.,1 NH Concord, xltr list
2003 WVIA 89.9 PA Scranton, c, ID
2006 WSNN 99.3 NY Potsdam
2008 WAMC 90.3 NY Albany, ID
2009 WXGL 93.9 ME Lewiston,"Eagle 94"
2011 WELV?103.1 r
2018 WKNE 103.7 NH Keene, "KNE-FM"
2019 WVCR 88.3 NY Loudonville, ID
2026 WPAT 93.1 NJ Paterson, "Easy 93"
2030 WZOZ 103.1 NY Oneonta, "ZOZ"
2030 WHRL 103.1 NY Albany,"Easy 103.1", ID
2039 WXXX 95.3 VT S. Burlington ads, ID
tr
2110 WFSM 94.1 TN Tazewell, k, $, ID
7/2 Es (brief)
1009 CBQt 88.3 ON Thunder Bay
7/6 Es (brief)
1157 unID 88.3 mono, talk
7/7 Es
1218 KDHT 92.5 CO Greeley
1219 KHIH 94.7 CO Boulder
1220 KHOW 95.7 CO Denver,"K-How"
7/8 Es
1116 KWBI 91.1 CO Morrison, ID
1129 unID 98.7 "Bright 98", KSID?
1130 KRVN 93.1 NE Lexington, wx
1132 KICX 96.1 NE McCook, ex 95.9, ID
1129 KKPR 98.9 NE Kearney, lc. ref.
1149 KJLTt 94.9 NE North Platte, g, $
1156 KHIH 94.7 CO Denver
1200 ???? 88.3 "KROA" ID, g$, xltr?
1200 KUVR 97.7 NE Holdrege, ID
1202 KCSU 90.5 CO Fort Collins
1204 KUTT 99.3 NE Fairbury,"$99", ID
1206 WKZS 99.9 ME Auburn, "Kiss 10"
1209 KNLV 103.9 NE Ord, nx-wx, ID
1214 KELN 97.1 NE North Platte, ID
1217 KOGA 99.7 NE Ogalala, ads
1220 KXNP 103.5 NE North Platte, KX-104
1322 WFUV 90.7 NY New York, ID
1227 WFCR 88.5 MA Amherst, ID
1229 KSDZ 95.5 NE Gordon, ID
1230 WCTK 98.1 MA New Bedford, ID

7/3 Es
1232 WOCB 94.9 MA W. Yarmouth, b, ID
1233 WLYT 92.5 Haverhill, "W-lite", ID
1240 KREP 92.1 KS Bellevile, ads, "KR92"
1249 KNDY 103.1 KS Marysville, ad
1256 KCLY 100.9 KS Clay Center, ID
1257 KTDFt104.7 KS Manhattan
1300 KRFS 103.9 NE Superior, ID
1303 KJHK 90.7 KS Lawrenace, p, ID
1305 KAMI 104.5 NE Cozad, ads
1306 KNNG 104.7 CO Sterling, "King FM
1310 KMCX 106.5 NE Ogallala, nx, ID
1323 KERM 98.3 WY Torrington, ads
1334 KAAQ 105.9 NE Alliance, ads
1339 KCKS 95.3 KS Concordia, lcl. wx,"Kix"
1345 KQMA 92.5 KS Phillipsburg, ID
1359 KUWR 91.9 WY Laramie, xltr list
1422 KMOR 92.9 NE Scottsbluff
1429 ???? 88.3 KROA ID, again
1436 KGLL 96.1 CO Greeley, "Eagle 94"
1454 KRKX 94.1 MT Billings, ID
7/11 tr
1252 WOFE 105.7 TN Rockwood, k, $, ID
1500 WWWQ 105.3 KY Glasgow, r, $ ID
7/15 tr
1534 WNFB 94.3 FL Lake City, ads
1608 WQPW 95.7 GA Valdosta, "Power 96"
7/18 Es
1038 KRKX 94.1 MT Billings, ID
1038 KRCS 93.1 SD Sturgis, wx
1047 KMKK 93.9 SD Rapid City, r, ID
1048 KIKC 101.3 MT Forsyth, Kick Country
1059 KEMC 91.7 MT Billings, ID
1104 KINI 96.1 NE Crookston, wx
1109 KKULt 95.5 MT Hardin, "Kool 95.5"
ms
1601 KDAL 95.7 Morris, prev. Es
7/26 tr
1011 WTNR 94.9 TN Waynesboro, k, $
1840 WAFR 88.3 MS Tupelo, g$,"Family 88"
Es
2337 KSDN 94.1 SD Aberdeen, New Rock 94
2243 KQAA 94.9 SD Aberdeen, o
2245 unID 92.9 "Royals bsb", "MO lottery"
2259 KESD 88.3 SD Brookings, ID
2311 MUF 99.9 sudden f/out 2313
7/30 Es
1310 WSRXt 91.5 FL Fort Myers
7/31 Es
1607 WJXY 93.9 SC Conway, wx, "94X" 415
1613 WJYR 92.1 SC Myrtle Beach, b, ID 430
1614 WHLZ 92.5 SC Manning, k, ID 338
1621 WQKI 93.9 SC St. Matthews,s,ads,$320
1643 WNHW 92.5 NC Nags Head, area ads 620
1653 WZZU 93.9 NC Burlington, Durham ad 380
1653 WRHT 96.3 NC Morehead City, lc. ad 540
1656 WBXB 100.1 NC Edenton, sg, ID 560
1657 unID 98.9 Raleigh-Crabtree Valley, ad

The evening Es on 7/1 was very intense with piles of stations battleing on each freq= uency. 7/8 also noteworthy with NY, ME and MA mixing with a solid KS, NE, area opening. Most unusual short skip on 7/31 gave my closest Es at 320 mi. Still, the '91 Es seems below average thanks to a poor June. Trop has been so poor I won't even mention it! 73.

Jeff Wolf, 1131 University Blvd. W. Apt. 701, Silver Spring, MD 20902
Equipt.: Sears AM,FM, TN band radio
7/19 Es EDT
1956 WBLX 92.9 AL Mobile, 93-BLX, ads, ID, "WBLX-FM Mobile-Pensacola"
2011 unID 99.9 Coast 100, 2018 MUF 106.5

7/19 Es
2130 WQLM 92.9 FL Punta Gorda,ads,ID,wx, "Playing all your lite favorites."
7/20 Es 1805 MUF 102.9 or 103.1
1825 WGGZ 98.1 LA Baton Rouge, o, ads

Matt Sittel, PO Box 21451, 511J Wood Hall, NCSU, Raleigh, NC 27607

7/8 Es
1414 KNIN 92.9 TX Wichita Falls 1135
1426 KDQN 92.7 AR DeQueen, local ad 898
1634 KSRR 92.9 TX San Antonio, Star 93 1240
7/9 tr
0745 WWMM 107.3 SC Anderson, Magic 107.3 242
7/10 tr
0728 WRQX 107.3 DC Washington, Mix 107.3 236
0730 WXLY 102.5 SC Charleston, calls 218
0734 WBRF 98.1 VA Galax, Stereo 98 138
7/12 tr
0643 WMJS 92.7 MD Prince Frederick, ID 224
0712 WZBH 93.5 DE Georgetown, area ads 272
0725 WRQX 107.3 DC Washington, Mix 107.3 236
0726 WCXR 105.9 VA Woodbridge, DC nx 213
0733 WOLC 102.5 MD Princess Anne, calls 238
0851 WJFK 106.7 VA Manassas 217
0904 WXLY 102.5 SC Charleston 218
0906 WETA 90.9 DC Washington, calls 236
7/16 tr
0908 WGOL 98.3 VA Lynchburg, calls 113
7/17 tr
0836 WJFK 106.7 VA Manassas 217
0838 WRQX 107.3 DC Washington, Mix 107.3 236
7/18 Es
1953 KZOC 92.9 KS Osage City, k 964
2017 KBEZ 92.9 OK Tulsa, calls 968
2018 KISR 93.7 AR Fort Smith, Kisser 887
2025 KSPI 93.7 OK Stillwater, local ad 1029
2037 XHXL 91.7 NL Monterrey, XL90 1474
7/19 Es
1632 WRGI 93.5 FL Naples, G93 694
1634 WQLM 92.9 FL Punta Gorda, Lite93FM 646
1637 WGUF 92.7 FL Marco, Gulf 92.7 708
1645 WOLZ 95.3 FL Fort Myers, ID 662
1653 WJST 94.5 FL Port St. Joe, calls 564
1659 WRBA 95.9 FL Springfield, Bay 96 560
1659 WJNF 91.1 FL Marianna, local ment. 515
1704 WTBB 97.7 FL Bonifay, calls 533
1707 WJAD 97.3 GA Bainbridge, 97-3 JAD 479
1714 WRJM 93.5 AL Geneva, calls 529
1854 WLUN 95.3 MS Lumberton, calls 705
1859 WMBV 91.9 AL Dixons Mills, ID 582
1902 KLTR 93.7 TX Houston, K-Lite 1060
1902 WQID 93.7 MS Biloxi, 94QID 700
1903 WQCK 92.7 LA Clinton 795
1905 KJEF 92.9 LA Jennings, local ad 901
1906 WMTO 93.5 FL Port St. Joe, calls 564
1906 WKRY 93.5 FL Key West, local ment. 806
1916 KKAY 104.9 LA Donaldsonville 820
1922 KKBQ 92.9 TX Pasadena, 93Q 1053
1925 KBXX 97.9 TX Houston, The B-O-X 1060
1928 KZFM 95.5 TX Corpus Christi, Z95 1239
1930 KHMX 96.5 TX Houston, local ad 1060
1933 KMDL 97.3 LA Kaplan, calls 890
1935 KZFX 107.5 TX Lake Jackson 1090
1937 KVPO 105.9 LA Berwick, local ad 847
1938 KMMX 106.7 TX Terrell Hills, K-Mix 1236
1942 WOWW 107.3 FL Pensacola, Wow 107 618
1945 WLTS 105.3 LA Slidell, Lite 105 750
1951 KQQK 106.5 TX Galveston, Hot 106.5 1037
1952 KHOM 104.1 LA Houma 825
1956 KBIU 103.7 LA Lake Charles, Bayou104 930
2002 KTBQ 107.7 TX Nacogdoches, Q107 967
2005 KMYQ 100.1 LA Bastrop, The River 786
2007 WKMX 106.7 AL Enterprise, 106.7 KMX 517
2010 KUEZ 99.3 TX Lufkin, calls 978
2011 KTUX 98.9 TX Carthage, Tux 99 935
2017 KISX 107.3 TX Whitehouse, Kiss 107.3 980
2018 KOOI 106.5 TX Jacksonville, EZ 106.5 992

7/18 Es
2020 WWZQ 105.3 MS Aberdeen, ZQ 105 576
2035 WGUD 106.3 MS Pascagoula, Good 106 684
2036 KQLD 106.7 LA Port Sulphur 778
2038 WHSY 104.5 MS Hattiesburg 687
2041 WYLD 98.5 LA New Orleans, FM 98, s 778
2046 WMXZ 95.7 LA New Orleans, Mix 95.7 778
2049 WAKH 105.7 MS McComb, K106 749
2050 WFSY 98.5 FL Panama City, Sunny98.5 560
2052 WXUS 100.5 AL Fort Rucker, US100, k 509
7/23 tr
0859 WSVH 91.1 GA Savannah, ID 298
7/24 tr
0759 WSVH 91.1 GA Savannah, ID 298
0759 WJWJ 89.9 SC Beaufort, ID 268
0805 WKOA 94.5 SC Murrells Inlet 153
0806 WGTN 100.9 SC Andrews, calls 169
0814 WYBB 98.1 SC Folly Beach, 98 Rock 226
0818 WHTK 99.7 SC Port Royal, calls 259
0819 WKSY 100.5 SC Marion, Classy100.5 FM 118
0825 WJMX 102.9 SC Cheraw, freq. switch 102
0903 WXLY 102.5 SC Charleston 218
0904 WEZL 103.5 SC Charleston, calls 218
7/26 tr
0759 WSVH 91.1 GA Savannah, ID 298
Es
2357 unIDs 91.1
7/30 Es
1548 XHOX 95.3 TA Tampico, FM Globo 1511
1552 XHJT 100.1 TA Tampico 1511
1600 XHPP 93.5 TA Tampico, full ID! 1511
1617 XH 97.7 TA Tampico, local ment. 1511
1635 XH 103.1 TA Tampico,EstereoRecuerdo 1511
1640 KZSP 95.3 TX South Padre Island 1292
1648 KELT 94.5 TX Harlingen, K-Lite 1316
1650 KQLD 106.7 LA Port Sulphur 778
1652 KCIL 107.5 LA Houma, C107 825
1654 KMDL 97.3 LA Kaplan, 97-3 KMDL 890
1658 KAJN 102.9 LA Crowley 887
1659 WBSN 89.1 LA New Orleans, area ment.778
1701 KNOK 102.9 LA Belle Chasse, ID, j 766
1706 WOSM 103.1 MS Ocean Springs, g 697
1714 WMEZ 94.1 FL Pensacola,b 618
1718 WFMF 102.5 LA Baton Rouge, Hot 102 813
1720 WDLT 98.3 AL Chickasaw, calls 643
1730 KJEF 92.9 LA Jennings, calls 901
1740 WBLX 92.9 AL Mobile, 93BLX, s 647
7/31 Es
1634 KNGV 92.7 TX Kingsville, calls, g 1272
1638 WBLX 92.9 AL Mobile, calls 647
1643 KQKI 95.3 LA Bayou Vista, Kwickie 849
1646 WLUN 95.3 MS Lumberton, U95 705
1646 WQUE 93.3 LA New Orleans, Q93 778
1649 WTVY 95.5 AL Dothan, FM 95,k 499
1654 WYLD 98.5 LA New Orleans, local ment778
1655 KMDL 97.3 LA Kaplan, calls, k 890
1659 KSMB 94.5 LA Lafayette, ID 868
1710 WXBM 102.7 FL Milton, calls, k 602
1715 KBYO 104.9 LA Tallulah. calls 753
1717 KQLD 106.7 LA Port Sulphur 778
1726 KJZR 106.9 TX Conroe, calls 1047
1730 KLTS 105.3 LA Slidell, Lite 105 750
1733 KTDY 99.9 LA Lafayette,calls 868
1737 KCIL 107.5 LA Houma, local ment., k 825
1752 KWKH 94.5 LA Shreveport, calls 894
1753 KITT 93.7 LA Shreveport 894
1754 KTYL 93.1 TX Tyler, local ad 984
1755 KKBQ 92.9 TX Pasadena, 93Q 1053

CONT.....

7/31 Es

1756 KTKC 92.7 LA Springhill, ID 867
1759 KSWP 91.1 TX Lufkin, calls 978
1800 KDAQ 89.9 LA Shreveport, ID 894
1802 KWNS 104.9 TX Winnsboro 970
1806 KROF 104.9 LA Abbevile, local ad 881
1808 WJMI 99.7 MS Jackson, calls, s 703

7/31 Es

1809 KUEZ 99.3 TX Lufkin,local ad 978
1813 KAFX 95.5 TX Diboll,AllHitK-Fox95 987
1815 KMYQ 100.1 LA Bastrop, The River 786
1820 KYTX 97.9 TX Beeville, Y98 1233
1823 KLTR 93.7 TX Houston, K-Lite 1060
1834 KSRR 92.9 TX San Antonio,Star 93 1240

July produced some surprisingly short skip! The MUF in FL on July 19 hit channel 12! I suppose that explains some of my very short skip, like WJAD. I was shocked! Not having DXed skip here before, I don't know what an average summer should produce, but I suspect that this much short skip not normal! Log totals now at 443. 73's.

Doug Allen, w2crs, PO Box 5646, Woodland Park, CO 80866

Equipt.: Onkyo T 4087 and various Pioneer tuners(all IF modified)FM-13 at 50 feet.

6/25 tr & Es

1300 KXLS 99.7 OK Alva, nw OK stations strong
0759 KNID 96.9 OK Enid
0800 KOSU 91.7 OK Stillwater
2000 WMBW 88.9 TN Chattanooga,"K Country 106"
2000 WLBF 89.1 AL Montgomery, g
2010 WOKK 97.1 MS Meridian, "97-OKK"
2020 WRBH 88.3 LA New Orleans, No pun intended--get it? (NO, DB)
2026 KJAE 92.7 LA Leesville,"$ Country KF"
2030 KETX 92.3 TX Livingston,promo,ex 92.1

6/27 Es

1231 WRBH 88.3 LA New Orleans,readings for the sight impaired
1232 WBSN 89.1 LA New Orleans, wx
1237 WCKW 92.3 LA LaPlace, ID
1238 WQCK 92.7 LA Clinton, ID
1239 KITT 93.7 LA Shreveport, ID
1240 WXLT 94.1 MS McComb,ads,"Sunny 94"
1300 KCRT 92.7 CO Trinidad,ex 92.5, gw
1836 KXIQ 94.1 OR Bend,"central Oregon's Q94"
1845 CBUF 97.7 BC Vancouver, FF
1847 KING 98.1 WA Seattle
1850 KYSN 97.7 WA East Wenatcha, k
2023 KISC 98.1 WA Spokane "98 KISS FM"
2027 KUOW 94.9 WA Seattle, wx
2029 KDRK 93.7 WA Seattle, ads

6/29 Es, 7 tr s

1315 WGWG 88.3 NC Boiling Springs, ID
1317 WLIQ 92.7 TN Harriman, ads, k
1320 KZLEt 93.1 AR Batesville, "Z93"
1323 WTDR 96.9 NC Statesville, k, ID
1331 WABN 92.7 VA Abingdon, ID "B93"
1335 WAXM 93.5 VA Big Stone Gap, local PSA, wx 120 watts
1339 WXLK 92.3 VA Roanoke, "K92 FM"
1346 WJQQ 98.1 ?? ID
2024 KPRN 89.5 CO Grand Junction //90.1 KCFR, dual ID, CO #115

6/30 Es and tr s

1215 ?? 97.7 Mexico SS
1216 ?? 94.5 Mexico SS
1244 KLLT 88.3 NM Albuqueque, g,D ID 1st time home; previously PP

7/1 tr & Es

0223 KSQY 95.1 SD Deadwod, KRDO off
0749 WIVY 95.5 AL Dothan
0757 WINT 94.9 FL Tallahassee, ID
0758 CBON18ON Sault Ste. Marie,FF
0807 WQSO 98.1 ?? ID, Perhaps a pirate?
0809 WWUF 97.7 LA Jena,ID
0813 WZLI 106.1 GA Taccoa, "Z106"
0819 KJNA 99.3 LA Jena, ID
0820 KDBH 97.7 LA Natchitoches,ID

7/1 tr & Es

0824 WEZB 97.1 LA New Orleans, plus other New Orleans pests in!
0827 KHOM 104.1 LA Houma,"Rockin Oldies 104"
0830 WKJN 103.3 LA Hammond,"Cajon 103"
0836 KJZS 106.9 TX Conroe, "smooth jazz" "the new 106.9 KJZS"
0837 KQQK 106.5 TX Galveston, SS, Houslton's cou cou"
0838 KIOC 106.1 TX Orange,"Power hits K-106"
0840 KISX 107.3 TX Whitehouse,"Kiss is the Hits"
0845-0915 144 mHz opens to eastern TX
0930 KJOJ 103.3 TX Freeport, g, "100,000 watts KHJOJ", apparently switched facilities wiwth KJZS above
0935 KOUL 103.7 TX Sinton, ID
0938 KZEP 104.5 TX San Antonio,"K-ZEP104"
0945 WRUP 103.3 MI Marquete, ads
0951 CHAS 100.5 ON Sault Ste. Marie, "Lite 105 CHAS"
1000 WHWC 88.3 WI Menomonie //unID 90.3 WI Public Radio
1001 WVSS 90.7 WI Menomomie, ID
1001 CBON2490.7 ON Kapuskasing, FF, mixing with above
1003 CKSB9 89.1 ON Fort Francis, FF
1015 WRJO 94.5 WI Eagle River, ID, ex 94.3
1017 CFN) 93.1 ON Marathon, ads
1018 WGLQ 97.1 MI Escanaba,local news "Magic 97"
1020 WJPD 92.3 MI Ishpeming, ID
1022 WIMK 93.1 MI Iron Mountain, ads, wx
1025 WLTE 102.9 MN Minneapolis, "WLTE color radar"
1027 WIMI 99.7 MI Ironwood, ID
1029 WJMC 96.3 WI Rice Lake, ID
1031 CJSD 94.3 ON Thunder Bay, "94FM"
10333 WYKX 104.7 MI Escanaba, ads
1035 KLXK 93.7 MN Minneapolis, ID

7/5 Es

0753 WCQS 88.1 NC Ashville, ID
0758 WDEF 92.3 TN Chattanooga, ID
0826 WRAF 90.9 GA Toccoa Falls,ID
0830 WMBW 88.9 TN Chattanooga, ID
0839 WXLK 92.3 VA Roanoke, "K92 FM"
0927 WLWI 92.3 AL Montgomlery, ID
2127 KKSN 97.1 OR Portland,"Kissin FM"
2137 KMGE 94.5 OR Eugene, "Magic 94"

7/8 Es

1058 WBFM 98.1 SC Seneca, ID
1100 WTBI 91.7 SC Greenville, g,ID
1102 WUOTt 88.1 TN Chattanooga,did I hear WUOT or WUTC? "University of Tennesee"

cont.....

7/8 Es

1106 WGWG 88.3 NC Boiling Springs, ID
1109 WKOM 101.7 TN Columbia, ID "goodtime rock and roll"
1113 WMYU 102.1 TN Seveirville,"light rock U102"
1119 WJMX 103.3 SC Cheraw, ID, "extra hot 103X"
1121 WIVK 107.7 TN Knoxville, ID
1127 WSSL 100.5 SC Gray Court, ID, "Whistle 100"
1134 WWDM 101.3 SC Sumter,"the big DM"
1136 WZYZ 100.9 NC Fairmont,Fairmont & Lumberton ads
1140 WZNY 105.7 GA Augusta, promo,"Sunny105"
1142 WSYN 106.6 SC Georgetown, ID
1146 WYAV 104.1 SC Conway,"all hit WAVE 104"
1148 WJWX 102.9 SC Conway?, ID //103.3 above, "103X"
1150 WLWZ 103.9 SC Easley, ads, "Z104"
1155 WWMM 107.3 SC Anderson, ID "Magic 107.3", ex WANS
1159 WMHK 89.7 SC Columbia,ID
1201 WMUU 94.5 SC Greenville, wx
1212 WKTC 96.9 NC Goldsboro, pos. new freq. DX record 1472 miles, had this one last summer, but didn't note mileage
1214 WRFR 96.7 NC Franklin
1218 WJIZ 96.3 GA Albany, ID
1220 WKZQ 101.7 SC Myrtle Beach wx, ads, promo,1492 mi. poss. new freq.DX record
1229 WFBC 93.7 SC Greenville
1230 WLIL 93.5 TN Lenoir City, ID
1234 WWPD 94.3 SC Marion, ID, "Lite 94"
1248 WBFM 98.1 SC Seneca,local nx,wx
1252 WQTR 100.1 SC Lake City, Florence ads 1492 mi. poss.new freq. DX record
1257 WCOS 97.9 SC Columbia, promo, wx new KISS FM" nw calls?
1303 WWMY 94.5 NC Eden, "Lite 94.5" ads

7/8 Es

1330 WDBL 94.3 TN Springfield, ID
1331 WDAV 89.9 NC Davidson,"classical 89.9 WDAV"
1335 WMXC 104.7 NC Charlotte,ads, "the mix"
1337 WSKZ 106.5 TN Chattanooga, ad
1343 WTDR 96.9 TN Statersville, ID
1346 WSND 88.9 IN Notre Dame, ID
1349 WPAR 88.1 NC Claremont, ID
1354 WJMR 98.3 OH Fredricktown,ID
1359 WHSSt 89.5 OH Hamilton, Cincinnati wx, "FM 97.1" ???
1401 WFGH 90.7 WV Fort Gay, ID
1403 WPKO 98.3 OH Bellefontaine,ID
gw
2135 K203AT88.5 CO Westcliffe, KRCC trans. full ! KGNU off

7/15 tr,ms, Es

0424 KPLO 94.5 SD Reliance,ID
0430 KDSD 90.9 SD Pierpont,SD wx, 570 miles
0445 KSLT 107.3 SD Spearfish, g
0459 KWYR 93.7 SD Winner,ID
0459 K201AQ88.1 SD Hot Springs, KBHE ID 295 mi., **station #900**
0518 KUSDt 90.9 SD Vermillion, in noise
0529 K?NE 89.5 NE ? Nebraska Public Radio, // 89.1 KHNE
0621 KWYR 93.7 SD Winner, ID, short burst
0630 KPSD 97.1 SD Faith, "SD Public Radio" tried to phone VHF hams in SD to run 144 mHz; no one home
0915 KPLO 94.5 SD Reliance,still inKWYR noisy
0925 WMBW 88.9 TN Chattanooga, wx,ms burst
0930 KDSD 90.9 SD Pierpont, still in and //KPSD 97.1
1838 WPTV 92.3 NC Ashboro?, ID, "Carolina's Rock 92", new calls?
1839 WQSM 98.1 NC Fayetteville, ID
1857 WFBC 93.7 SC Greenville, ID "B-93.7"
1859 WNSC 88.9 SC Rock Hill, SC Public Radio

Thanks to Matt Sittel and Ken Rumstadt who helped me with several unIDs. I've sent severalseveral more to Matt's new column! Thanks to Bill Nienajadly for the Digi Key catalog. I've ordered the narrower filters and will report on experiments. (Also see Tim McVey's "Technical Topics" in VUD).

Conditions: Tropo continues to be elusive with the SD opening the only good tropo; Es may be down a bit from last year, but has produced several high MUF openings(seven 144 mHz openings), and openings into newly heard areas, also some double hop(next report) Though I disagree with Joop J. Prosee's "no hop" theses, and with seveal of his assumptions and so-called facts as well(VUD, June 1990), I'm continually amazed how common 1400 plus mile skip is from here and willing to admit that some 1500 mile skip may be single hop. But how much further than 1500 miles? And, when we have received double hop, have we also received other stations at the intermediate distance? After we report on the current Es study(many thanks to those who have already participated--others, please get your info and grid maps to me now that the Es season is over)I'd like to take a close look at 1500 miles plus reception to see if we can confirm or put to rest the no-hop thesis. 73.

Fred Laun, K3ZO, 5802 Huntland Rd., Temple Hills, MD 20758

Equipt.: Denon TU-800 tuner, Winegard antenna @35'

7/19

1842 WMMZ 93.7 FL Ocala,Z93
1847 WAKS 103.7 FL Ft. Myers,Kiss 103.7
1852 WCKT 107.1 FL Ft Myers
1855 WEEJ 100.1 FL Port Charlotte "The New Coast 100"
1900 WMFQ 92.9 FL Ocala
1902 WFLC 97.3 FL Miami,Coast 97
1922 WMTO 93.5 FL Port St. Joe
1931 WQLM 92.9 FL Port Charlotte "Lite 93 FM"
1944 WQEZ 99.3 FL Ft. Myers
1949 WKJN 103.3 LA Hammond,Cajun 103

7/19

(Between 2015 and 2100 took time off to work FL, GA and LA on the 144 mHz ham band.)
2144 WYNF 94.9 FL Tampa, 95-YNF

7/20

1910 WDDQ 92.1 GA Adel
1913 WAAC 92.9 GA Valdosta, C93

7/31

1655 WMMK 92.1 FL Destin,K92
1658 WBLX 92.9 AL Mobile, 93-BLX
1709 WKGC 90.7 FL Panama City
1714 WRJM 93.5 AL Geneva
1715 WQID 93.7 MS Biloxi,94-QID

CONT....

7/31 Es
1716 WMEZ 94.1 FL Pensacola, "FM94
1721 WQFX 96.7 MS Gulfport,Foxy 96
1722 WKJR 96.9 AL Enterprise, 96-6-WDJR
1724 KNOK 102.9 LA New Orleans, The Breeze
1748 WKRG 99.9 AL Mobile
1754 WKSJ 94.9 AL Mobile

7/31
1758 WMXZ 95.7 LA New Orleans,The New Mix95.7
1815 WKLT 98.3 AL Mobile
1820 WGUD 106.3 MS Pascagoula
1824 WMFC 99.3 AL Monroeville,99 Country
1829 WHIL 91.3 AL Mobile
1832 WPCS 89.5 FL Pensacola
1835 WABB 97.5 AL Mobile

Bill Townshend,4500 Conn. Ave. NW #901, Washington, DC 20008

Equipt.: Realistic Portavision 55. In MD: Realistic 12-613 Pocket receiver plus metal bar between window panes aboard SS Jubilee off west coast of Mexico(bar served as antena)for eclipse cruise

In DC area(at Marlow Heights,MD where I work)

6/16 tr
0855 WKXW 101.5 NJ Trenton, tx cx
0858 WKSZ 100.3 PA Media
0904 WSRX 106.9 VA Suffolk
0920 WEAZ 101.1 PA Philadelphia,EZ

5/30 tr
0823 WMGM 103.7 NJ Atlantic City,tx cx

ON BOARD S.S. JUBILEE:
7/8 tr(ship at 28.5°N, 116.3° W) MDT
1015 KRUZ 103.3 CA Santa Barbara,m 400

PDT time
7/13 tr ON BOARD S.S. JUBILEE 25.9°N, 113.5°W
0030 KXEZ 98.7 CA Los Angelese,oldies 600
0050 KKLA 99.5 CA Los Angeles, g
0209 KHAY 100.7 CA Ventura, k
0030 KXEZ 98.7 CA Los Angeles,oldies xKJOI
0315 KTYD 99.9 CA Santa Barbara
0050 approx. pstn. 25.8° N 113.5°W 600 mi.
0209 " 25.9°N 113.7°W 600
0315 26.0°N 114.0° 700

Eclipse viewing was perfect although thru thin cloud. Corona and prominence seen. Totality 6 min. and 42 sec. Waterspout seen at Mazatlan about 0620 local time.

Christopher S. Dunne, 21541 NW 8 Ct., Box 81, Pembroke Pines, FL 33029

Even though '91 has been a poor E year, whatever Es I've had sure has been quality Es! 8/7 proved to be another day of exotic DX, although not quite as active as on 9/27/90. Assistance on my unIDs is always welcome. Thanks to the Lord again.

Time	Call	Freq.	St	Location, details	Miles
7/19 Es					
1043	KUDL	98.1	KS	Kansas City, ID	1140
1047	KMBR	99.7	MO	Kansas City, "Lite 99.7 FM", ment. K.C.	1140
1048	KTMO	98.9	MO	Kennett, ID	840
1100	KXCV	90.5	MO	Maryville, "Maryville", "90 Plus"	1215
1103	KKLR	94.5	MO	Poplar Bluff, ID	885
1105	KQMX	94.3	MO	Rolla, "Max", "Rolla" wx	990
7/26 Tr					
2245	WMFQ	92.9	FL	Ocala, ID	230
.....last WMFQ log.....					
7/30 Es					
1137	WWSN	107.7	OH	Dayton, "Dayton's Star 107-7"	910
1142	WVLK	92.9	KY	Lexington, sounded like "K-93", ad for KY State Parks	
1157	WKFR	103.3	MI	Battle Creek, ID	1090
1159	WFCJ	93.7	OH	Miamisburg, ID	900
1200	WBTU	93.3	IN	Kendallville, "Ft. Wayne"	1030
1200	WINN	106.1	IN	N. Vernon, ID	870
1202	WJXQ	106.1	MI	Jackson, ID	1070
1205	WFPK	91.9	KY	Louisville, ID	850
1213	WVEZ	106.9	KY	Louisville, "Easy 107", heard "40202" ZIP	850

Abbrev.: GT = Guatemala
ES = El Salvador
SEE 8/91 VUD FOR EQUIPMENT

Setenta y tres desde Florida.....cd

Time	Call	Freq.	St	Location, details	Miles
7/30 Es (cont.)					
1223	WASK	105.3	IN	Lafayette, "K-105 FM"	990
1234	WSHW	99.7	IN	Frankfort, "Shine 99"	980
8/7 Es					
0900 to 1230	....	88.1	GT	Guatemala City,SS "Fabuestereo", b, third time heard, very distorted audio	1050
	unid	90.9	SS	"Radio Exitos"	
	....	88.3	FL?	PIRATE, Journey mx only (groundwave)	??
	unid	91.9	GT?SS	"Internacional, Su Radio" .....On audio tape I have a "Feminina"; according to Jeff White's Guatemala bandscan there's a Fem. on 91.9; this may be the same estación.....	
	TGRT	88.8	GT	Radio Fabulosa,SS, t, heard better on modified Superadio II (local pest 88.9) than on JVC	1050
	unid	98.5	ES?SS	ment. FMLN & "terroristas"; I'm 99.44% sure this is Cadena Cuscatlán in San Salvador.....if so	1050
	unid	97.7	SS		
Tr					
2300	WLPT	88.3	GA	Jesup, ID	365
2301	unid	89.5		BBN, g, prob. Savannah	
2306	unid	106.9		Larry King - had to be WLOW	

Gus Mancuso, 5615 Inwood St, Cheverly, MD 20785 301/773-3072
From Cordova, MD 50 miles east of DC Equipt.: Pioneer SX-40 & Radio Shack DX-440

7/3 tr
1719 WIPA 93.5 PA Mechanicsburg
1845 WKRZ 98.5 PA Wilkes-Barre
1912 WESI 104.9 VA Strasburg
1937 WFRB 105.3 PA Boyerton
2000 WTRM 91.3 VA Winchester
2037 WKDV 91.7 PA Phila.

7/4 tr
0700 WRFY 102.5 PA Reading
0706 WJOI 94.9 VA VA Beach
(Lucky moment when WPVR and WHKL both faded out.)
0714 WNOR 98.7 VA Norfolk, had to null WMZQ and wait for WVIL to weaken
0730 WPLC 99.3 VA Spotsylvania simulcasts with WPLZ,also 99.3, so I am listing closer WPLC
0735 WVSQ 102.5 VA Winchester

7/6 tr(Balance from home)
0750 WVMX 106.5 VA Richmond
0753 WKTC 96.9 NC Gouldsboro
0759 WYLT 96.1 NC Raleigh
2231 WXPZ 101.3 DE Milford, new,gos. r
2359 WRVS 89.9 NC Eliz. City,ex 90.7
Strongest enhancement s to ssw in morning,shifting to e to se at night

7/8 tr
0101 WJBR 99.5 DE Wilmington, could never get a good null on WGAY, so I packed up and moved. New get lots of null on this side of room.

7/19 Es
1700 WRXK 96.1 FL Bonita Springs
1714 WMFQ 92.9 FL Ocala, ref. to Marion library
1716 WCVU 94.5 FL Naples
1718 WJIS 88.1 FL Bradenton
1723 WNLE 91.7 FL Fernandina Bch.

7/19 Es
1724 WAAC 92.9 GA Valdosta
1726 unID 94.3 Span. prob Cuba, fig. to find a FL SS in atlas, so didn't pay att. to accent. Suspect I missed a lot before 1700, Tailed off at 1730 but came roaring back after dinner. Boost from sunset tr enhance?
1900 WQLM 92.9 FL Punta Gorda #300! ninth on this freq.
1917 WMMK 92.1 FL Destin
2000 WKGC 90.7 FL Panama City
2012 WYZB 105.5 MUF 105.5
2015 WMTO 93.5 FL St. Joe
2046 WDDQ 92.1 GA Adel,9th on 92.1
2051 WINT 94.9 FL Tallahassee
2100 WRWA 88.7 AL Dothan,1st ever 88.7
2109 WYUU 92.5 FL Safety Harbor
2111 WOLZ 95.3 FL Ft.Myers
2133 WAYJ 88.7 FL Ft.Myers
2137 WUSF 89.7 FL Tampa

7/26 Es
2350 KNIN 92.9 TX Wichita Falls, latest skip ever(time of day wise and date wise). Wish I had checked earlier, got home 2205, watched TV.

7/29 tr
(From "shielded building" corner location in Gaithersburg, MD,open only to nw.)
2041 WPVR 94.9 VA Roanoke
2100 WDSY 107.9 PA Pitts., null on WFSE MD
2100 WVNP 89.9 WV Wheeling, always get WOEL MD from house.

7/4 holiday weather coool and very cloudy, holding reception down. Had to use DX-440 with its better selectivity to pull in some of these stations due to lack of enhancement. Pioneer table set has lots of int. to the "high side" of locals, but Radio Shack portable had little trouble digging out WKdu sandwiched between WBJC and WGTS. (Both sets modified.) Strong enhancement west. WTRM and WFRB are third closest stations on third closest stations on their freqs.

Danny Buntin, 1312 N. Skyline, Stillwater, OK 74075

7/19 Es
1818 WHCJ 88.5 GA Savannah,calls
1830 WNFB 94.3 FL Lake City
1842 WAEV 97.3 GA Savannah, "Wave 97"

7/19 Es
1843 WPFI 92.7 GA St. Simons Island, ad
1852 WKRR 92.3 NC Asheboro, ads

8/11 tr
1005 KKLL 97.9 MO Webb City, ID 170

Well, the Es season has passed and it seemed to bypass me, though admittedly I missed checking most mornings when the DX was the most and the hottest for those who could.

John Combs,N4SFS, P. O. Box 7581, Tallahassee, FL 32314

6/7 Es
1940 KLGA 92.7 IA Algona,bb 1025
1943 KDOM 94.3 MN Windova,ads 1100
1945 KJJY 92.5 IA Ankeny,ads ads

6/12 Es
1416 XHXL 91.7 NL Monterrey 1025
"XL Estereo Momenta"
1417 XHFO 92.1 DF Mexico,ads 1270

6/16 Es
1828 CJBX 92.7 ON London 885
1829 CHAY 93.1 ON Barrie,wx, IDs 990
1833 CJBC3 96.5 ON, tent.,FF disc

7/1 Es
2035 CBF9 91.9 PQ Monttaurier,tent.FF disc., R. Canada ID
2043 CIVT 89.5 ON Toronto,psa 950

7/1 Es
2100 WYSV 88.5 OH Youngstown 760
2104 WRRN 92.3 PA Warren,wx,ad 840
2119 WOSX 92.1 WI Spencer, ID 1035
2119 WRJC 92.1 WI Mauston, Madison ads* 975
2132 CHAY 93.1 ON Barrie, ID 990
2157 KDSD 90.9 SD Pierpont,local ID 1265
*Can't find a 92.1 closer to Madison unless there's a new one??

Look for an additional report from John next month. Until next month, 73.
DB

WESTERN TV-DX

Fred McCormack
Box 17860
St. Paul MN 55117-7860

September 1991

Deadline: 10-10-91
Cut-off: 07-01-91

E skip dates reported for July were: 1-2, 4-8, 14-22, 24-27 29-30. Not too bad?

New____ New Mode_ _ Tent. - t Unidentified - unid S/On - + S/off - =
ID Color Bars - @ Unid Color Bars - % Misc. Test Patterns - &
Parallel Programming - // MTS Stereo - $

CH Chihuahua CU Coahuila NL Nuevo Leon TA Tamaulipas VE Veracruz

ANC	All News Channel	TAB	3 Angels Broadcasting
CBN	Family Channel	TBN	Trinity Broadcasting
CNN	Cable News Network	TBS	Turner Broadcasting
HSC	Home Shopping Club	TNN	The Nashville Network
HSS	Home Shopping Spree	VJN	Video Jukebox Network
SCA	Sports Channel America		

Christopher W. Hanley, 1321 Beecher Avenue, Galesburg IL 61401 CDT

Equipment:
VHF antenna (unknown vintage) at approximately 30 feet. Tabletop Radio Shack
UHF bow tie in the attic at approximately 15 feet. Kawasho 13" color set.

Greetings! We've had lots of excitement here - James Christopher is now nine weeks old and doing new stuff every day.

DX-wise, things have seemed s-l-o-w here. Here's what I've gotten lately, which I'm still thankful for. I've edited it down to no relogs under 290 km (180 miles) which eliminates any St. Louis or Ames/Des Moines relogs.

June 1991
30 tr 0737 WXIN 59 IN 231
July 1991
2 tr 0632 WJYS 62 IN 141
3 tr 0621 WHME 46 IN 223
0630 WTTK 29 IN 235
3 tr 0630 *WSJVt 28 IN*
WSBT 22 IN 220
0636 *WNDUt 16 IN*
14 tr 0804 *KRCGt 13 MO*
15 tr 0617 W62BU 62 IL 110
(Rockford WWTO-35)
15 tr 0625 *WTTKt 29 IN*
WSJVt 28 IN
0626 WSBT 22 IN 220
0628 W45AJ 45 IL 110
(Rockford CHA)
0630 WHME 46 IN 223

Totals now: 174 stations, 50 of 'em from Illinois; 125 tropo and 41 E skip; and 98 UHF / 76 VHF. God bless

---

Mike Cherry, Box 631, Ganges BC V0S-1E0 (604-537-5201) PDT

Equipment: See July 1991 Western TV-DX

June 1991
18 Es 2045 (See notes)
20 Es 2246 KTVS 3 CO 1150
26 tr 1054 KAPP 35 WA 213
1057 KEPR 19 WA 277
1100 KIMA 29 WA 213
KYVE 47 WA 213
1108 KVEW 42 WA 279
27 Es 2210 $KVBC 3 NV 986
29 tr 0800 K68DL 68 WA 102
(Seattle religion)

July 1991
4 tr 2200 KCKA 15 WA 160
2227 K53AZ 53 WA 187
(Centralia KIRO- 7)
ms 2334 KCRA 3 CA 739
5 Es 1916 KSWK 3 KS 1350
1931 KWGN 2 CO 1096
1935 $KCNC 4 CO 1096
1947 KTVS 3 CO 1150
1959 KLNE 3 NE 1311
2000 KDUH 4 NE 1080
2027 $KUTV 2 UT 795
2031 KTVX 4 UT 795
5 Es 2059 KVBC 3 NV 986
2100 KNAZ 2 AZ 1137
7 tr 1009 CBUT9 60 BC 148
1030 CBUT1 9 BC 101
(Rare)
Es 1100 KVBC 3 NV 986
1133 KRTV 3 MT 569
1200 KYUS 3 MT 836
KTVQ 2 MT 735
1258 $KDLO 3 SD 1245
1259 KGAN 2 IA 1581
10 tr 2140 KWCT 27 WA 185
14 tr 0728 KAYU 28 WA 299

The cover of the July VUD says it all! Too many solar flares / geomagnetic disturbances. This is my worst E skip season on record. Auroral ionization hasn't been strong enough to produce useable video or audio on television, but some openings on 6 meters. June 18th evening E skip, I was at work and logged a couple of Colorado / Wyoming FMs on a $40 portable radio. Opening was done by the time I was home.

K68DL is a semi-regular. Programming is 24 hour 7th Day Adventist programs. Video has been strong enough at times to realize there is no local legal top-of-the-hour ID - not even a graphic. Just "3 Angels Broadcasting". Frequency is 68z.

Mike Cherry (continued) Also, locally KTZZ-22 has a translator in Bellingham, Washington on channel 48 (K48DM fm). A ham/TV DXer 14 miles away can barely pick it up with a Channel Master UHF and preamplifier. I will need some local enhancement to bring this one out. Also a problem - I don't know its exact frequency. Dave Sinclair in Vancouver is also watching for this one.

Hope everyone enjoyed the convention! I also hope E skip improved - May started off promising but June and half of July very poor! 73s, Mike VE7SKA

John Ebeling, 6843 County Road 47, Alborn MN 55702 (218-345-6718) CDT

DX from cabin at Alborn (Prosit), Minnesota

Equipment:
General Electric 19EC0740W (1980) - electronic tuning (no fine tuning). Antennas in the attic - one pointed south towards Minneapolis/St. Paul and the other aimed southeast towards Duluth - selection via knife switch. Neither antenna is a DX type.

June 1991
9 Es 1730 unids chs 2-4
WTVY 4(FL)1170
(See Note # 1)
1745 WWL 4 LA 1190
1800 on to FM band
13 Es 1600 KPRC 2 TX 1215
(See Note # 2)
24 Es 1800 unids chs 2-3
29 Es 1500 unids channel 2
(ABC/NBC/CBS/PBS)
1530 KDTN 2 TX 1020
WBRZ 2 LA 1155
30 Es 2230 WUND 2 NC 1135

July 1991
1 Es 0845 WTVY 4(FL)1170
1 Es 0845 (DXed FM)
1245 WKRN 2 TN 815
1400 WDIQ 2 AL 1115
1500 WBRZ 2 LA 1155
1600 WDIQ 2 AL 1115
2130 WTVY 4(FL)1170
2200 KMID 2 TX 1150
2 Es 0900 intense chs 2-6
(DXed FM)
1130 WTVH 5 NY 850
1330 fade out
4 Es 1214 unid ch 2 Mexico
("eco")
5 Es 0930 KPRC 2 TX 1215
1000 unid ch 2 PBS
7 Es 1100 WRAL 5 NC 1065
1128 WFMY 2 NC 1010
7 Es 1259 unid channel 2
8 to 15 - Away - no chance to DX.
15 Es 1530 KDTN 2 TX 1020
1700 WFMY 2 NC 1010
WUNC 4 NC 1035
1840 WAGA 5 GA 1010
1845 WSB 2 GA 1010
1900 WUNC 4 NC 1035
WTVY 2(FL)1170
19 Es 2300 KBCI 2 ID 1155
2310 KTWO 2 WY 730
2315 KTVQ 2 MT 755
22 Es 1230 WMAB 2 MS 960
1630 WFMY 2 NC 1010

Note # 1 - Super DX - only channel 4 in - like a local.
Note # 2 - Also noted in Minneapolis by my wife at the same time. Only channel 2.

At home in Bloomington, using my Zenith black & white set and a monopole on June 25th had KTVK-3, Phoenix, Arizona. I use this set as an indicator of E skip activity.

Frank Merrill, P.O. Box 669, Macomb IL 61455 (309-833-2661) CDT

Equipment
ICOM R-7000 VHF-UHF communications receiver with video adapter and Zenith L1310C9 13 inch; All tropo, some E skip: VHF-UHF (Winegard 8100?), Winegard preamplifier, RG-11, at 40 feet; Most E skip: Channel Master Quantum 1110 mounted vertically at 12 feet. (Replacement for previous low-band destroyed by March storm).

May 1991
27 tr 2030 KTFO 41 OK 410
OKC chs 14,34,43
AR chs 24,29,40
2207 KATV 7 AR 403
KTHV 11 AR 422
2230 KASN 38 AR 424
2314 KARD 14 LA 583
28 tr 0031 KFXX 51 TX 614
0105 @KTEJ 19 AR 314
("AETN" allnite)
0138 K18BT 18 MO 135
(St. Louis TBN)
0150 KMSS 33 LA 567
0239 K21OD 21 MO 135
(St. Louis HSS)
0242 KLAX 31 LA 622
28 tr 0432 K15CN 15 KS 305
(Salina TBN)
0443 K20-- 20 ??
(Unknown HSS)
(Wichita - OKC headng)
0450 unid ch 18 HSS
(LPTV/KAAS-18 ?)
(Same heading)
0500 K59DA 59 KS 412
(Wichita TBN)
0512 KOAM 7 KS 313
(See Note # 1)
0524 KETG 9 AR 472
(Very rare)
0533 K42BS 42 AR 369
(Fayetteville TBN)
28 tr 0534 K66CN 66 AR 355
(Harrison TBN)
(See Note # 2)
0541 KFAA 51 AR 359
KOKI 23 OK 410
0710 KAYS 7 KS 475
0758 K58CX 58 KS 280
(Lawrence KTKA-49)
Es 1406 KACV 2 TX 705
29 tr 0112 KTIV 4 IA 325
K20AD 20 MN 330
(Worthington KSTP- 5)
0141 K52AB 52 MN 320
(St. James KARE-11)
0144 K60DS 60 MN 234
(Rochester TBN)

Frank Merrill (continued)

29 tr 0200 K64-- 64 ??
(Unknown TBN)
(See Note # 3)
0209 W27AR 27 IN 237
(Indianapolis WTHR-13)
0211 =WFMJ 21 OH 523
Es 1435 WSAV 3 GA 777
1500 WPBT 2 FL 1164
"ICRT" 3 Cuba
1527 WEAR 3 FL 698
1529 WEDU 3 FL 990
1559 WPTV 5 FL 1126
1603 WESH 2 FL 952
WTVJ 4 FL 1163
1843 WTVY 4 AL 712
(DXed FM)
30 Es 1126 XEFB 2 NL 1161

June 1991
2 tr 2321 W28BE 28 IL 75
(Springfield religion)
(All night)
3 Es 0028 WBRZ 2 LA 701
("All News Ch")
0100 KIII 3 TX 967
0450 KUTV 2 UT 1127
0502 KVBC 3 NV 1351
(ID slide - AN)
0505 @KCCZ 4 UT 1216
0547 *KCRAt 3 CA*
0617 @KBCI 2 ID 1318
0622 @KDBC 4 TX 1063
XEPM 2 CH 1067
(ECO from XEW)
1200 WUFT 5 FL 874
WEDU 3 FL 990
WPBT 2 FL 1164
1230 WCIX 6 FL 1182
WTVJ 4 FL 1163
1610 WPTV 5 FL 1126
2100 KENW 3 NM 859
XEPM 2 CH 1061
2200 KVBC 3 NV 1351
4 Es 0029 XEPM 2 CH 1067
0032 XHRIO 2 TA 1026
0520 XEPM 2 CH 1067
1202 WESH 2 FL 952
1400 WPBT 2 FL 1164
WEDU 3 FL 990
7 Es 1429 WEDU 3 FL 990
8 Es 1330 WPBT 2 FL 1164
WESH 2 FL 952
10 Es 1900 KSL 5 UT 1128
1916 KGWN 5 WY 752
1959 KDTN 2 TX 646
2106 unid ch 4 "XH--"
2131 KUAT 6 AZ 1241
2200 KWGN 2 CO 772
2320 KTVQ 2 MT 968
2323 KRTV 3 MT 1132
2345 KNAZ 2 AZ 1197
2351 CKKX 2 AB 1345
12 Es 0149 CKND2 2 MB 818
CFSS 3 SK 871
0152 CKBI3 4 SK 1028
0157 =CITL 4 AB 1271
0159 CFSK 4 SK 1100
0600 WEDU 3 FL 990
12 Es 0600 WPBT 2 FL 1164
1836 CKCW 2 NB 1346
13 Es 1300 KMOL 4 TX 883
1331 KMID 2 TX 866
KPRC 2 TX 799
1400 KRGV 5 TX 1077
KGBT 4 TX 1069
1402 XEFB 2 NL 1161
1426 XHAE 5 CU 1195
1816 KIII 3 TX 967
1900 WESH 2 FL 952
"NTV" 5 Cuba
1915 chs 2-5 Mexico
2000 WWL 4 LA 728
WPBT 2 FL 1164
2019 XHGV 4 VE 1500
2024 "XHAJ/XEX" 5 VE
14 Es 1300 WFMY 2 NC 664
16 Es 1716 WRAL 5 NC 734
17 tr 0133 KMSP 9 MN 342
(Strong)
0207 KDLO 3 SD 470
(Previous - Es)
0209 =KCCW 12 MN 486
(Ultra rare)
Es 0659 KMID 2 TX 866
0729 KGBT 4 TX 1069
0730 XHRIO 2 TA 1026
2202 unids chs 2-4 e
(French)
19 tr 0430 WQHS 61 OH 470
0436 WTOL 11 OH 386
WADL 38 MI 425
WKBD 50 MI 403
W47AZ 47 IN 240
(Indianapolis VJN)
Es 1040 CKCK 2 SK 960
1100 CBCP3 3 SK 1030
CKND2 2 MB 818
KTVQ 2 MT 968
1400 KRTV 3 MT 1132
1530 CKSA 2 AB 1271
tr 2325 KHNE 29 NE 391
KCAN 8 NE 375
KCAU 9 IA 325
KELO 11 SD 369
(Thru KDIN-11)
20 tr 0320 KDLO 3 SD 470
KELO 11 SD 369
("Best ever")
0340 KTSD 10 SD 551
0400 KWCH 12 KS 416
KSAS 24 KS 412
0453 KSFY 13 SD 369
KABY 9 SD 488
0515 KAAS 18 KS 370
K14HK 14 KS 456
(Great Bend KSAS-24)
0530 KGIN 11 NE 429
0700 K57BX 57 SD 390
(Lake Andes KELO-11)
23 Es 0048 CKCK 2 SK 960
24 Es 1700 KXAS 5 TX 646
XEFB 2 NL 1026
25 Es 2100 KMID 2 TX 866
KENW 3 NM 859
XHIT 4 CH 1194
26 Es 1059 KSWK 3 KS 589
1127 WESH 2 FL 952
WEDU 3 FL 990
26 Es 1127 WUFT 5 FL 874
1150 WEAR 3 FL 698
KKTOt 2 NM HSC

July 1991
8 Es 0956 WCBD 2 SC 795
1029 WUNC 4 NC 697
WUND 2 NC 834
WESH 2 FL 952
1100 WTVY 4 AL 712
KATC 3 LA 725
1135 KRIS 6 TX 962
1145 KMOL 4 TX 883
1200 KMID 2 TX 866
WUFT 5 FL 874
WJXT 4 FL 867
KALBt 5 LA
1218 KALB 5 LA 658
1230 WAGA 5 GA 575
1244 KENS 5 TX 883
1300 KPRC 2 TX 799
WCPX 6 FL 979
1330 WTVJ 4 FL 1163
WPTV 5 FL 1126
1400 WEDU 5 FL 990
WPBT 2 FL 1164
1728 XEFB 2 NL 1161
9 tr 0115 WSFJ 51 OH 434
WXIX 19 KY 335
(Strong)
W68AA 68 IL 165
(Danville WAND-17)
13 tr 0315 WRGT 45 OH 340
WTTK 29 IN 246
(Abv 2 snowfree)
W32AC 32 IN 277
(Muncie TBN)
WTOL 11 OH 386
(Home Shp Spree)
unid ch 13 audio
(See Note # 4)
14 Es 1900 WPBT 2 FL 1164
WEDU 3 FL 990
WTVJ 4 FL 1163
1925 Cuba 3
Cuba 5
1929 WESH 2 FL 952
1950 unid 2 Spanish
(Cuba or 2Es ?)
16 tr 2335 KMEG 14 IA 326
K45CQ 45 IA 277
(Council Bluffs TBN)
KHNE 29 NE 391
17 tr 0215 K58AE 57 IA
(Clarinda with WOI-5)
(Nominal WOWT-6)
K32AF 32 MN 320
(St. James KSTP- 5)
WSFJ 51 OH 434
WQHS 61 OH 470
2330 WPTO 14 OH 318
WPTD 16 OH 340
KMEG 14 IA 326
18 Es 0150 @CFAP 2 PQ 1061
("T.Q.S.")
CFCM 4 PQ 1058
(AN test card)
0158 WTVJ 4 FL 1163
(Home Shp Spree)
0200 WPTV 5 FL 1126

Frank Merrill (continued)

18 Es 0230 unid channel 2
(See Note # 5)
tr 0410 W15AM 15 MI 312
(Grand Rapids WHME-46)
WTVS 56 MI 403
Es 0545 WPBT 2 FL 1164
1029 KCWC 4 WY 944
1030 KLBY 4 KS 574
1100 KREX 5 CO 954
("Western Slope")
1128 KSRE 6 ND 746
1300 CBCP3 3 SK 1030
CBKT1 4 SK 1006
CJFB 5 SK 1072
CKCK 2 SK 960
1329 CFQC1 3 SK 1150
CITL 4 AB 1271
1930 XHGV 4 VE 1500
(See Note # 6)
2101 XHHP 3 TA 1300
(Soto La Pesca)
(See Note # 7)
2113 CKCK 2 SK 960
tr 2323 KARD 14 LA 583
19 tr 0025 Ft. Wayne, Green Bay, Detroit,etc UHF's
0250 @WZZM 13 MI 312
WTOL 11 OH 386
0348 CIII22 22 ON 437
CIII29 29 ON 464
Es 1200 WBRZ 2 LA 701
1800 KMID 2 TX 866
WEDU 3 FL 990
WTVJ 4 FL 1163
KRGV 5 TX 1077
1900 WUFT 5 FL 874

19 Es 1900 WPTV 5 FL 1126
1930 KSRE 6 ND 746
2030 CBWFT 3 MB 725
2118 CBWFT4 3 MB 848
2125 CKBI 5 SK 1125
CKBI3 4 SK 1028
2136 CBWFT7 2 ON 670
(See Note # 8)
2146 CHSS 6 SK 1013
CKOS 5 SK 941
CFSS 3 SK 871
2218 CBKFT2 3 SK1125
(See Note # 9)
2300 CKKX 2 AB 1345
CFCN 4 AB 1341
2316 unid channel 3+
(See Note #10)
2330 KRTV 3 MT 1132
20 Es 1820 KXMA 2 ND 750
1856 KBME 3 ND 661
KWSE 4 ND 841
1858 CJFB 5 SK 1072
CBCP3 3 SK 1030
1929 KFYR 5 ND 662
21 Es 1029 KNAZ 2 AZ 1197
1858 WYFF 4 SC 572
WCBD 2 SC 795
unid ch 5 CBS
24 tr 0001 *WJHLt 11 TN CCI*
WUSI 16 IL 174
(Way over WTJR)
0026 W65BV 65 IL 75
(Springfield w/WFIE)
(Normal WSEC-14)
25 Es 1059 WPBT 2 FL 1164
unid 2 Spanish
26 Es 1859 WCBS 2 NY 870
1929 WCAX 3 VT 947
2000 CFCM 4 PQ 1058

26 Es 2000 WUND 2 NC 834
2158 WEDU 3 FL 990
2159 WRBL 3 GA 648
2200 WPBT 2 FL 1164
27 Es 1700 WCBD 2 SC 795
29 ms 0353 WCBD 2 SC 795
Es 2156 KUTV 2 UT 1127
2200 KMOL 4 TX 883
KENS 5 TX 883
2203 WBTV 3 NC 622
30 Es 0100 KJAC 4 TX 735
0115 KGBT 4 TX 1069
0118 KMOL 4 TX 883
0125 KDFW 4 TX 646
0159 KPRC 2 TX 799
(All Night Movie)
0204 KIII 3 TX 967
0434 KUTV 2 UT 1127
1230 WPBT 2 FL 1164
Cuba 3
WTVJ 4 FL 1163
WCIX 6 FL 1182
(DXed FM)

August 1991
1 Es 0553 WTKR 3 VA 802
WUND 2 NC 834
ms 1300 KDTN 2 TX 646
Es 1424 KGBT 4 TX 1069
1428 XHRIO 2 TA 1080
1431 KRGV 5 TX 1077
4 tr 0500 W17AZ 17 IL 185
(Johnston City TAB)
0510 KAFT 13 AR 369
KTEJ 19 AR 314
(Apparently all night Saturday)

Note # 1 - Awesome! Over 50 mile KHQA in the same direction.
Note # 2 - K60CL IA not on now, or since. It's gone!
Note # 3 - Toward Minnesota. Is K64DG, Iowa City on?
Note # 4 - Rarely I see "13-" CCI toward Chicago overnight on mornings that WGN-9 is snow free. WTHR-13 off. I suspect W13BE Chicago (VJN), but I've never had their audio or video. Will keep trying.
Note # 5 - "QUEBEC" Phillips round test pattern. CBFTs overnight says "MONTREAL".
Note # 6 - I've never had a map where I could measure accurate distances to "deep" Mexico, and I would like to know the true distance, since this is only an estimate. My coordinates are latitude 40.458 N, longitude 90.629 W (decimal). While on the subject of Veracruz, is "Las Lajas" a suburb of Veracruz City? Also, where are XEX/XHAJ-5&6? XHAJ is the Las Lajas one, but XEX in Altazoni is on no map I own (nor is Las Lajas). WTFDA Database shows XHAJ-5; another book shows XHAJ-6!
Note # 7 - I started to doubt the existence of this, because WTFDA Database shows this at 100 kW. With such power, and few other channnel 3s nearby, this should be a "pest". Erp error or bad engineering?
Note # 8 - Parallel to CBWFT-3, channel 2+ audio (only other channel 2+ SRC is CBGAT22, Quebec, which was not received with antenna northeast).
Note # 9 - Audio only; channel 3+, Saskatchewan PSA during news; program promo mention of Regina.
Note #10 - Canadian from the northwest - news in English. Nothing fits!

Most common E skip visitors in 1991 as of 1500 on August 4th:

Channel 2: WPBT-FL (11), WESH-FL (8), XEFB-NL/KMID-TX (5), WCBD-SC (4)
Channel 3: WEDU-FL (9), KRTV-MT (4), KIII-TX (3)
Channel 4: WTVJ-FL (7), KGBT-TX/KMOL-TX (4)
Channel 5: WPTV-FL (6), WUFT-FL (5), KRGV-TX (3)
Channel 6: WCIX-FL/WCPX-FL (2)

Frank Merrill (continued) After repeatedly complaining about the "poor E skip season", I now must say that it was overall only somewhat below average, or close to average. A late July rally (with good FM openings on the 18th and 30th and a good TV opening on the 19th) certainly helped.

Thanks to logging both WAGA and KALB on the 8th, I can ignore almost all "single-hop" English 5s for the US, needing only WDTV-WV, KIVV-SD and KXGN-MT within 1500 miles, though technically I need WTTG-DC on E skip, having logged it only via meteor scatter.

Channel 4 has nothing needed in the arc from WTAE-PA to WCBI-MS. Most wanted E skip targets are now WSB-2 GA and KYUS-3 MT and anything via double hop E skip from the Caribbean region. I'm actually surprised that a southern E skip opening has never linked up with a second hop to El Salvador or Venezuela, for instance on channels 2 or 3, because with only WEDU-3 FL, channel 3 is relatively clear.

I'm hoping to put up a 70' tower with separate VHF/UHF antennas and preamplifiers around October. At least some of the expensive projects which made this impossible are now out of the way.

I hope to have seen some of you in Dunkirk. Anybody who has room should consider a low, vertically mounted VHF antenna for E skip! Without that setup, at least WAGA-5, KALB-5, CBWFT7-2, and KFYR-5 would not have been logged with the high horizontal antenna. 7 tea trees.

(Frank, regarding your channel 20 with Home Shopping Spree - it would seem that it was either K20BU (KAKE-10) Russell KS or K20BR (KWTV- 9) Fargo OK. Does anyone know if either (or both) of these carry Home Shopping Spree overnight. Regarding K64DG, it was licensed January 31, 1991. fm)

Jim Pizzi, 814 Brookhill Drive, Paso Robles CA 93446 (805-238-5271) PDT

Equipment:
Radio Shack VU-210 with rotor and preamp at work. Zenith 27" TV, Radio Shack 15-1712 V/U antenna and Winegard CP-8800 preamp at 13' agl at home.

May 1991
19 Es 1028 KMID 2 TX 1080
20 Es 0900 KOAA 5 CO 905
0901 unid ch 5 WY
0930 KLBY 4 KS 1085
1130 KCNC 4 CO 890
1300 KREG 3 CO 775
unid ch 2 PBS
1329 KACV 2 TX 1060
1330 KSNW 3 KS 1285
21 Es 1030 CKCK 2 SK 1305
24 Es 1226 unid ch 2 HSS
(KKTO Santa Fe?)
28 Es 1530 KACV 2 TX 1060

June 1991
3 Es 1045 CKKX 2 AB 1115
1100 KREM 2 WA 845
4 Es 1027 KFYR 5 ND 1275
1030 KBME 3 ND 1275
4 Es 1130 KGFE 2 ND 1440
12 Es 0858 KSWK 3 KS 1090
0859 KDBC 4 TX 855
0900 KOAA 5 CO 905
XEPMt 2 CH
1029 KENW 3 NM 975
1300 KXMA 2 ND 1195
14 Es 0900 KACV 2 TX 1060
KAMR 4 TX 1055
0930 KOB 4 NM 800
KNME 5 NM 800
1030 XHIT 4 CH 980
XHCHt 2 CH
15 Es 0900 KFDX 3 TX 1260
24 Es 1230 KREM 2 WA 845
1230-1400 unids 2-6 n
(No time to DX)
27 Es 1500 CBUT 2 BC 955
1530 KOMO 4 WA 835
1547 KING 5 WA 835

July 1991
1 Es 1200 KACV 2 TX 1060
KDFW 4 TX 1365
1230 KENW 3 NM 975
2 Es 1130 KGFE 2 ND 1440
KOTA 3 SD 1090
1133 KPRY 4 SD 1230
1329 KREM 2 WA 845
16 Es AM chs 2-4 Mexico
17 Es AM chs 2,4 Mexico
18 Es 1130 KSNC 2 KS 1220
KOAA 5 CO 905
24 Es 0900 KMID 2 TX 1080
26 Es 0900 KLBY 4 KS 1085
KSWK 3 KS 1090
1028 +KAID 4 ID 610
1030 KBCI 2 ID 610
1032 KRTV 3 MT 955
1100 KXMA 2 ND 1195
1101 KXLY 4 WA 870

My first report this year - working two jobs now and don't have much time to DX. The openings I did catch didn't seem very intense - mostly short lived, but a few did make it into FM for awhile.

No tropo noted here. Occasionally hear San Francisco on FM (mostly 88.5) and tropo scatter on channel 44, but no enhancement to speak of - sure miss the long haul tropo! Fun to watch my former local and semi-locals (KENW-3 and KMID-2). Haven't seen Lubbock 5 yet. Til next time, 73s. Jim

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William Draeb, Ellis St., Rt. #2, Kewaunee WI 54216 (414-388-2350) CDT

Equipment: See July 1991 Western TV-DX

July 1991
4 Es 2020 *CKCWt 2 NB*
CKLT1t 3 NB
4 Es 2020 unid channel 4
2057 *CBHTt 3 NS*
CBITt 2 NS
5 Es 0715 WBRZ 2 LA 1002
KATC 3 LA 1034
WWL 4 LA 1026

William Draeb (continued)

5 Es 0715 WLBT 3 MS 865
0718 WDSU 6 LA 1026
0737 *KJACt 4 TX*
0920 KMOL 4 TX 1210
1000 KIII 3 TX 1285
1930 KREG 3 CO 1075
KCNC 4 CO 952
KTVXt 4 UT
KUTVt 2 UT
1946 *KWGNt 2 CO*
KTVS 3 CO 830
1953 *KOAAt 5 CO*
1959 KRTV 3 MT 1155
2000 *KTVQt 2 MT*
KFBBt 5 MT
2008 *KXLYt 4 WA*
2032 KLEW 3(WA)1436
2045 KIDK 3 ID 1245
6 ms 0608 CBFT 2 PQ 685
Es 0705 WCBD 2 SC 914
WYFFt 4 SC
unid ch 4 west
2115 unids chs 2-4 w
7 tr 0523 W69AV 69 MI 95
(Leland w/WHME-46)
(Normal via W46AD)
1037 W66BD 66 IN 260
(Fort Wayne TBN)
Es 1128 *KACVt 2 TX*
KBTX 3 TX 1079
KIII 3 TX 1285
(Pgm in Spanish)
KAMRt 4 TX
1143 *KPRCt 2 TX*
unid channel 6
1157 *KACBt 3 TX*
1631 chs 2-4 e Canada
1640 gone

8 Es 0215 KXAS 5 TX 975
0226 KRIS 6 TX 1285
1058 KBTX 3 TX 1079
1100 WEDU 3 FL 1192
WRBLt 3 GA
1130 KJAC 4 TX 1050
KPRC 2 TX 1117
1315 KMOL 4 TX 1210
KENSt 5 TX
2240 unids chs 2-4 w
11 tr 2015 W40AN 40 MI 90
(Escanaba WLUK-11)
(Formerly ch 72)
14 tr 0500 CBCE 16 ON 285
W40AN 40 MI 95
(w/ WLUK & WTTW)
18 Es 1730 KPRC 2 TX 1117
1754 WCBD 2 SC 914
WJXT 4 FL 1030
1830 WESH 2 FL 1125
WPBTt 2 FL
1832 *WEDUt 3 FL*
tr 2047 WCCO 4 MN 280
19 Es 1730 *KBMEt 2 ND*
KXMAt 2 ND
KPRYt 4 SD
1759 KFDX 3 TX 935
1800 KAMR 4 TX 991
1803 KACV 2 TX 991
1806 KATC 3 LA 1034
1811 KTVY 4 OK 820
1819 KENW 3 NM 1145
2000 WEAR 3(AL) 955
2030 KDUH 4 NE 767
(See Note)
2100 KOTA 3 SD 780
2116 KWSE 4 ND 811
KFBBt 5 MT
2129 KCWC 4 WY 1065
KPRY 4 SD 620

19 Es 2129 *KGWLt 5 WY*
2200 KRTV 3 MT
KTVQt 2 MT
2302 KXLF 4 MT 1210
KOUSt 4 MT
20 Es 1703 WEDU 3 FL 1192
WESH 2 FL 1125
WJXTt 4 FL
1705 *WUFTt 5 FL*
1818 *KOTAt 3 SD*
1822 KDUH 4 NE 767
1830 KREG 3 CO 1075
1900 *KCNCt 4 CO*
KUTVt 2 UT
KTWOt 2 WY
1915 *KCWCt 4 WY*
1920 *KGWLt 5 WY*
1930 *KLNEt 3 NE*
2015 all gone
21 Es 1900 *WDIQt 2 AL*
unid channel 4
2134 WBRZ 2 LA 1002
22 Es 0700 *WDIQt 2 AL*
WBRZt 2 LA
unid channel 2+
0727 WFMY 2 NC 715
WCBD 2 SC 914
0728 *WCIVt 4 SC*
WCSCt 5 SC
0729 WEDU 3 FL 1192
WSAVt 3 GA
0800 KDFW 4 TX 957
1225 KCNC 4 CO 952
unid channel 3
1230 *KACVt 2 TX*
KAMRt 4 TX
26 Es 0815 unid channel 2
(No time to DX)

Note - KDUH-4 @ 2030 - Their own ID slide. Not joint ID with KOTA-3 as seen previously.

It looks like WSCO-14 is off for good. First noticed they were off on July 11th. In another bit of news, CBS Inc. purchased Midwest Communications Inc. which owns WCCO-4, WJMN-3, and WFRV-5 along with some radio stations, etc. What this means is that my local WFRV-5 will be changing network, going from ABC to CBS, as will WJMN-3. WLUC-6 and local WBAY-2 will also be changing, probably to ABC. One good thing which may result from this is that local WBAY-2 which is now on all night, five days a week, may give up that practice. I hope.

Yesterday (July 30), I noticed that local WPNE-38 was considerably weaker. Actually, they were just a little better than W57BJ (local translator) and snowy with an indoor antenna and CMA-Ub preamplifier. With my regular UHF setup, as I turned the dish toward Green Bay, channels 26 and 32 wiped them out completely!

I called the station to see what's going on. The girl I talked to said the station is operating at about half power (I would say it's considerably less) and that they are in the process of moving to a higher tower where they will be running more power than originally. The change is to be completed by mid August. 73, Bill

(The weekly addenda to Televison Factbook has not even reported an application by WPNE-38 to change facilities! fm)

Doug Allen, P.O. Box 5646, Woodland Park CO 80866 (W2CRS) (719-687-3549) MDT

Equipment: See August 1991 Western TV-DX

July 1991

5 Es 0900 WRCB 3 TN 1117
WKRN 2 TN 1017
5 Es 1020 WSB 2 GA 1202
1022 WREG 3 TN 878
6 Es 2000 CKVR 3 ON 1354
11 gw 0800 KREG 3 CO 126
KSNK 8 NE 241
13 tr 0615 KRNE 12 NE 310
14 tr 0800

Doug Allen (continued)

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                                  15 tr 0500  KWNB   6 NE  243   15 tr 0542  KSNK   8 NE  241
14 tr 0801  KSTF  10 NE  221            0538  KRNE  12 NE  310          0545  KPNEt  9 NE
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E skip uncommon this month despite several good openings spent mainly on FM and 144 MHz. CKVR on July 6th was my first Ontario.

Tom Bryant clued me in to KREG in Glenwood Springs. I thought it was very low power and hadn't even tried for it since improving my system. It turns out to be regular ground wave reception!

Tropo down from last year; nothing much past 300 miles though the Nebraska tropo on July 15th very strong with tentative KPNE-9 overriding line of sight Denver channel 9 for a short time!

Have been dissatisfied with UHF preamplifier, a very inexpensive, high gain Taiwan model. Imaging and overloading on the Denver high power stations made DXing north almost impossible. On July 17th, I replaced the EUV4 preamplifier with Antennacraft APU378 advertised as a high input model. Noise figure about the same, gain lower as advertised, and no overloading or imaging problems! Remember, always buy low noise figure, not high gain preamplifiers! Unfortunately, my rotor stopped working on July 18th so haven't had a chance to TV-DX since then. Now that out our unusual monsoon weather is finally over, I'll go up the tower and try to fix it! 73, Doug

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Michael Parks, Route 1, Box 103, Amery WI 54001 CDT

Equipment:
Channel Master 1110 Quantum with Channel Master 0064C preamplifier and RG-11U at 28', Antennacraft P-7 with Winegard PA-4975 preamplifier and RG-11U at 33', Alliance HD-73 rotor, Winegard DA-8150 post-amplifier, Channel Master 7206 Hi "Q" trap, and Zenith Z1920W 19" color TV.

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May 1991
 7 Es 1945  unids chs 2-4
      2100  KPRC   2 TX 1109
19 Es 2100  KPRC   2 TX 1109
21 tr 0005  WDAZ   8 ND  330
   Es 2309  KIII   3 TX 1261
28 ls 2301  KELO  11 SD  247
            ( See Note # 1 )
      2305  Sioux Cy 4,14,27
   tr 2311  KLJB  18(IL) 298
            WQAD   8 IL  298
            WHBF   4(IA) 281
            ( See Note # 1 )
      2326  KIIN  12 IA  259
29 tr 0022  K24CS 24 MN  166
      (Granite Flls STV-CNN)
      0034  K26DG 26 MN  166
      (Granite Flls     STV)
      0035  K28BZ 28 MN  188
      (Marshall     KELO-11)
            K30AC 30 MN  188
      (Marshall     KSTP- 5)
      0038  K22DO 22 MN  166
      (Granite Flls STV-TNN)
29 tr 0039  K18DI 18 MN  166
      (Granite Flls STV-CBN)
            K16CP 16 MN  166
      (Granite Flls STV-SCA)
      0041  K49AJt 49 MN
            K51ALt 51 MN
            K57AE 57 MN  134
      (Olivia       KTCA- 2)
            K61AU 61 MN  166
      (Granite Flls WCCO- 4)
      0219  KTAJ  16 MO  416
      0456 @WLUC   6 MI  223

June 1991
 3 Es 0035  KBTX   3 TX 1047
      0041  KIIIt  3 TX
      0115  KPRC   2 TX 1109
      2226  KVBC   3 NV 1350
 6 aE 0139  CKRD   6 AB 1079
      0145  CFAC   2 AB 1081
      0146  CFRN   3 AB 1086
      0201  CKSA   2 AB  967
10 aE 0109 &C---    2 PQ
            ( See Note # 2 )
10 aE 0112 @CFRS    4 PQ 1031
      0138 @CKRD    6 AB 1079
      0200  CFAC    2 AB 1081
12 aE 0155  CFAC    2 AB 1081
      0156  CKSA    2 AB  967
   tr 0159  KFME   13 ND  260

July 1991
 5 Es 1358  unid channel 2
            ( See Note # 3 )
            XEPMt  2 CH
 6 Es 2305  KENW    3 NM 1017
 8 Es 1358  KATC    3 LA 1062
      1400  KPRC    2 TX 1109
15 Es 1735  unids chs 2, 3
17 Es 0112  CFRN    3 AB 1086
18 Es 1703  WBTV    3 NC  906
      1705  WFMY    2 NC  926
      1715  WSAZ    3 WV  702
      1725  WRAL    5 NC  984
26 Es 2200  WTVY    4(FL)1062
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Note # 1 - Severe thunderstorms in the Twin Cities knocked KARE-11 off the air just as meteorologist Paul Douglas was giving a severe thunderstorm warning for the metro area. Also knocked off at approximately the same time were WCCO-4, KTMA-23, KITN-29 and a few radio stations. KTMA-23 did not return to the air untill 0600 or so the following morning. The absence of WCCO-4, coupled with lightning scatter enhanced tropo to the south finally allowed me to log much wanted WHBF-4.

Note # 2 - Running a Phillips test pattern identical to CBFT-2s except the top and bottom read "QUEBEC" and "RADIO-CANADA" rather than "MONTREAL" and "SRC/CBC". Perhaps a repeater of CBVT-11, Quebec?

Note # 3 - Spanish language station running ads mentioning San Antonio. One such ad included the phone number 740-8983, but no area code was given, suggesting a local call. I find it hard to believe it could have been, but could this have possibly been K02MX in San Antonio? I believe their erp is only 37 Watts.

Michael Parks (continued) Not much DX this report due to both lack of time to watch and lack of a good antenna system. On June 13th, a lightning strike took out both preamplifiers, the rotor control box, and the TV. The TV has long since been repaired with only two ICs needing replacement, but the preamplifiers and rotor are proving to be more of a challenge. The circuit boards show no obvious damage so I believe them to be repairable, but just try finding a dealer who can repair them. I'm not entirely enthusiastic at the prospect of shipping them to their respective manufacturers for repair. Even if I were, Alliance, to my knowledge doesn't even make the HD-73 anymore. I may just get new ones and save myself a lot of hassles. Hopefully, if things go well, I'll have it all back up in a month or so - just in time for the height of the DX season to start coming to a close!

Thanks go to Danny Buntin and Glenn Hauser for their informative responses to my KSBI-52 inquiry. It was much appreciated. 73, Mike

---

Fred McCormack, 135 Prairiewood Drive, Fargo ND 58103 CDT

Equipment:
VHF: Broadmoor 9" black & white, Winegard CS-4053; UHF: Teknika 6510 tuner, Winegard CH-9095, Blonder-Tongue CMA-Uc preamplifier; Alliance rotor.

July 1991

```
19 tr 0827  K39CH 39 MN  185
      (Redwood Flls KELO-11)
      0849  WTVP  47 IL  560
      0851  K58AS 58 MN  185
      (Redwood Flls STV-TNN)
      0903  K17CS 17 MN  125
      (Appleton          TBS)
      0906  WEEK  25 IL  560
      0925  Olivia MN xltrs
      0929  KXLT  47 MN  290
   Es 1227  KNAZ   2 AZ 1120
19 Es 1814  (MUF  90.1 - TN)
      1827  WKRG   5 AL 1215
      2043  (MUF 107.7 - TN)
      2156  WRAL   5 NC 1215
20 Es 1656  KETS   2 AR  890
      1858  WMC    5 TN  885
      1938  (MUF  89.5 - MS)
22 Es 1130  KTBS   3 LA  990
      1159  KPRC   2 TX 1195
      1258  WFMY   2 NC 1155
      1659  (MUF  88.5 - DC)
      1700  WMAR   2 MD 1135
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August 1991

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 9 Es 0110  unid ch 6 HSS
      0117  KTVI   2 MO  660
            (MUF 89.5 >0117)
      0129  KMOV   4 MO  665
            unid ch 4 HSS
      0145  WAGA   5 GA 1115
      0200  WSIL   3 IL  755
      0238  WTVF   5 TN  895
      0257  WSB    2 GA 1115
11 tr 0045  K15DC 15 MN  125
      (Appleton          CBN)
```

The E skip of July 19th was quite good, opening up to Florida on double hop FM at least twice between 1800 and 1930.

Also nice was the overnight E skip of August 9th. I presumed this was auroral induced, but I haven't been following auroral conditions this year. I thought I could log needed KSDK-5 with both KTVI-2 and KMOV-4 in well, but no sign. Do they sign off early? Fortunately WTVF-5, which also has eluded me, was logged.

Jerry Stuart of Lawton, Oklahoma sent a clipping from the July 19, 1991 Lawton Constitution concerning the merger of Oklahoma City's two biggest independent television stations. Heritage Media, the owner of KAUT-43, has purchased KOKH-25 and has transferred the license for channel 43 to the Oklahoma Educational TV Authority. The new station was to have begun operation as "Fox 25" on August 15, and on that date, channel 43 was to have begun educational programming.

THEY GOT US COVERED...And they deserve our thanks. We'd like to acknowledge the following DXers for providing us with material for use on the VHF-UHF DIGEST cover in recent months:

JUNE V.U.D. COVER: Map courtesy Bruce Elving's extensive collection.

JULY V.U.D. COVER: (Top part) Art and layout by Robert Twomey.

AUGUST V.U.D. COVER: Promotional material supplied by James McIver.

THIS MONTH'S V.U.D. cover: Courtesy Lenny Goldberg, via KSOR 90.1

Thank you all for helping make the V.U.D. look good!

Television News

Doug Smith, Editor
14 Brookside Court
Nashville, TN 37209-4503

ABBREVIATIONS USED IN THIS COLUMN:

ERP= Effective Radiated Power, in kW
HAAT=Height Above Average Terrain, in meters
nc= No change

APPLICATIONS FOR NEW TELEVISION STATIONS

St	Ch	ERP	HAAT	City/Applicant
FL	46	2385	277	Panama City Beach; Sunkissed Bcstg. Inc.

APPLICATIONS TO MODIFY CONSTRUCTION PERMITS

St	Ch	ERP	HAAT	Call	City
MA	57	nc	306	WGBY-TV	Springfield
MD	62	3366	138	WFPT	Frederick
NC	25	1256	351	WUNK-TV	Greenville

CONSTRUCTION PERMIT MODIFICATIONS GRANTED

St	Ch	ERP	HAAT	Call	City
FL	22	11.2	62	WEYS	Key West
FL	46	3192	nc	WNPL-TV	Naples
MN	29	5000	373	KITN	Minneapolis
VT	28	274	429	WVER	Rutland
WA	5	nc	356	KING-TV	Seattle
WI	48	60	98	WEUX	Chippewa Falls

APPLICATIONS TO CHANGE EXISTING STATIONS

St	Ch	ERP	HAAT	Call	City
CO	53	5000	193	KWHD	Castle Rock
MN	10	316	301	WDIO-TV	Duluth
MS	30	1600	187	WGBC	Meridian

CHANGES GRANTED TO EXISTING STATIONS

St	Ch	ERP	HAAT	Call	City
AR	51	79.4	145	KFAA	Rogers
NC	42	2750	390	WTVI	Charlotte
PR	12	275	665	WOLE-TV	Aguadilla

CALL LETTERS ASSIGNED TO NEW STATIONS

St	Ch	Call	City
CA		KLXO	El Centro
MI		WYYC	Battle Creek

CALL LETTER CHANGES FOR EXISTING STATIONS

St	Ch	New Calls	Old Calls	City
SD	12	KTTM	KIID-TV	Huron

ADDITIONS TO THE TABLE OF CHANNEL ASSIGNMENTS

St	Ch	City
CA	23	Ceres
CO	47	Alamosa
MI	45	Vanderbilt

(Note: Channel 23 was deleted from Modesto and moved to Ceres)

OTHER STUFF

The Commission has adopted a set of "rebuttable presumptions" for use when considering applications for "satellite" stations. Previously, such applications were handled on a case-by-case basis.

KQEC-TV San Francisco has been given an extension on its life; it'll be required to cease operation by midnight August 30. This is the station that lost its license over unauthorized "silent periods" taken to save money.

FORUM

It's going to be hard to fill Bill Fahber's shoes in running this column. But I'll give it my best shot.. Contributions on technical & legal issues involving TV are appreciated. So are suggestions for changes in the column. I can be reached by mail at the address at the top of the column; by phone (615-356-8305, noon to midnight); by Compuserve (72777,3143); or via ham packet radio @W4HHY.TN.

Just a few short local notes.. WJFB-66 has been off since March. The LPTVs (10 and 61) that had relayed them stayed on for about a week longer with ID color bars (including an ID for WJFB) then went off too. I don't expect this one to come back.

I've been seeing a Channel America on 27. Too weak to read the IDs, but watching the ChA satellite feed straight off the bird shows this to be W27AN Murfreesboro.

E-mail from my former boss in Wisconsin indicates that W33AX Madison is now on the air with TBN. The transmitter is on Springfield Hill, about 15 miles NW of Madison.

FM NEWS

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U.S.A.

Contributions earnestly solicited!

Selectivity Improvements, Readers' Critiques and: Yes, Virginia, There is Such a Thing as "Lame" Radio!

"The sky is falling! The sky is falling! Long live the club!" implores Gus Mancuso. "Am not going to contribute if you persist in trying to make me look stupid. I wrote in. You printed one sentence out of context making statement sound unclear. I wrote to you telling you about it. One of the things I wrote was, 'it was sitting alone like a U.F.O'. . . You quoted out of context. It means the sentence you printed was sitting alone like a U.F.O. You then quoted me as saying 'it was sitting alone like a U.F.O.'; that is, you did it again. The sentence 'it was . . . U.F.O.' was sitting like a[nother] U.F.O. Then you did it a third time! That was by quoting out of context my statement that frequency changes are more important than minor tower/power changes. You conveniently left out the gist of the matter—that I was telling you to list frequency changes apart from power boosts. Hey, I'm doing you a favor by sending info. You're not doing me a favor by reading it. Extraneous print on envelope [about sky is falling] refers to enclosed Washington Post Article. . . New handle 96.1 VA [Cape Charles] 'Touch FM'," now WMYA. The "sky falling" all usion is to a plan by which FM-like quality would come to consumers via satellite, World-Space, which is set to take off initiall y over Africa. To hear it you'd presumably need a three meter dish on a flatbed truck. I know that won't stop DXers; maybe they'll use two dishes and phase cancel the satellite signals as they romp around the freeways. Attending the WTFDA confab puts me in a mood like this. "AM Happenings Caused," continues Gus "—WMAL 630 now calling itself news 630, although there has been no increase in news. How do you get new station info? From FCC?" [Yes, from an expensive messenger service, known as Fair Press Services. Right now I owe them $182.76 for July expenses—$31 subscription costs, plus postage and photocopy expenses of texts and releases. Information which used to be free costs users now under the Nixon, Reagan and Bush administrations. Since I don't get paid by the WTFDA, anybody willing to send a check to help underwrite this information service is welcome to contribute. Donations accepted at my address, printed above. Of course, I also appreciate information sent by readers. I do not publish a column deadline, since info is constantly added to my database, which includes the "FM Atlas" and FMedia! newsletter, although this column's tends to be the day the previous month's VUD arrives in the mail. That way, I can print the "See Also" feature culled from the last month's issue.] "You've been listing WICO-FM as being moved to 97.5 (to allow new station in Cambridge MD to use 94.3 because they would be too close to 97.7 Lexington Park). It has not moved yet, though it could be soon as calls(94.3)have been assigned (WFBR)." His "Superband-Scan II" from South Hill VA enabled DXing 211 stations, including a bunch of station changes for the "FM Atlas." He heard 11 states with the longest trop WLTW 106.7 New York. "On the WXIE move from 92.1 to 92.3—I'm told the 'M Street Journal' missed that one, too."

A note from Philip Michael Martin: "You continue to do a great disservice to radio and especially the physically challenged by using the term 'lame' to describe (usually) soft adult contemporary stations. The connotation that it's music for the 'lame'—those who could only sit and enjoy it, not get up and dance like a tee nager, is unacceptable. As a physically challenged person I am deeply offended every time you use that term and that was the major factor in not renewing my subscription to FMedia!" [I reject that argument as invalid (pun intended), as I feel that, although subjective, it can describe certain radio formats—mostly "adult contemporary," which are copied endlessly from market to market and often by multiple stations in the same market. They are not distinctive to DX and, whether you like to get up and dance or not, they are there like, as Gus would say, "U.F.O.s," occupying FM frequencies at low cost to program—often programmed by consultants—and resulting in an FM dial clogged by multiple stations, often without sign offs. Such sound-alike outlets might better serve listeners and certainly DXers by not being on the air at all. I am sure a good many are marginal operations, and will not last. A check of FMedia!'s "Off Air or Not Yet On" shows each month a bunch of FMers not staying on the air. The notion that using the word "lame" is a disservice to handicapped individuals was considered when Ernie Cooper first brought it up over a year ago. To accuse a radio station of being "lame" is, instead, kind of cute, and credit goes to Bill Nienajadly for inventing it. It no more shows offense to handicapped individuals than calling something a "left handed compliment" knocks persons who are left-handed, or by referring to a "black mark on one's record" as being against blacks. Bill and I discussed this concern of Martin's, and he agreed when I told him of the response I would have to the charge that "lame" disparages handicapped individuals. Lighten up, Philip!]

The latest catalog of airchecks, No. 11 is ready. "And it may be the last. Sales are down despite my prices being in the $5-$6.50 range and other companies (there are twice as many as when I started in '86) having $7-$9 prices. I have been trying to find someone to buy me out for six months with no luck. Please mention to your readers that a catalog is available for just a 4-cent stamp (have plenty of pre-printed 25-cent envelopes left)." Write Philip Michael Martin at PO Box 568, East Hanover NJ 07936. His tapes seem to be mostly of rock stations, such as the New York City "air wars" and the 2-90 Gary Bryan's "Screw the Zoo" campaign on WPLJ, and if you can tolerate it, Howard Stern. His 4-cents' catalog fills four sheets, eight pages.

I wrote to Nick Lombardi and mentioned how I nearly drowned in an area lake, trying to swim out to my daughter on a raft, far away from the roped-off swimming area. It took two lifeguards to bring me safely

to shallower water. Nick said: "Your lake incident must have been scary. My mother used to be a Red Cross swimming instructor, and I spent quite a lot of time at the local pool and various beaches off the coasts of Virginia, North Carolina and Florida. . . I learned early on that it's all in the breathing: if you ever get tired, try to stay calm and take a deep breath and you will float." [I tried that and find that I cannot float; maybe I don't stay calm enough!] "I assume you will keep the special 'hobby' rate for FMedia! when regular rates go up. And you need to show it on a separate sheet of paper, not on the same renewal form you send your professional readers. And with your special 'VUD' introductory rate, you've really created a hodgepodge: Want to get FMedia!? Well, let's see, my rates are $18, $25, $45 and $65. And I may have another Blue Light Special next month." Nick sent an "indoor antenna survey" from the "Absolute Sound" of July, August, 1991. None seem impressive, compared to the massive rigs many FM DXers use, with one of them, the AudioPrism APPA-8500 listing at $450! "On the basis of performance alone, I did not find the APPA-8500 to warrant its cost," writes the reviewer. The article even refers to use of antennas for phasing, mentioning Richard Modafferi's article, "Kill FM Interference with Two antennas," Audio, January, 1980.

Lenny Goldberg sent station news from OR. "I wasn't going to bother writing all this to you as I felt it was all rather minor, but today I noticed the exclamation mark on the end of 'contributions earnestly solicited', and it motivated me to write." He heard the new KGAL-FM 102.3 Brownsville OR coming in on his local Family Radio translators on 107.1, 103.9 and 106.3. "The next morning I called KGAL and they had only recently gone on FM with a rather weak signal. They told me I was experiencing E-skip, but couldn't explain why it was on those three frequencies. I guess the antenna that was receiving Family Radio from Ukiah CA got blown 180°. . . Eventually, the correct station faded back in. The engineer at KGAL sounded pretty worried about it, once he started to believe my story I was picking them up in Ashland. I don't count how many stations I've received, like many DXers do. But I'm curious—if I did count, would picking up KGAL in this manner count as three, one or not at all?" [I would count only the translator itself as one station, or three, if you DXed three separate translator frequencies—b.e.] Another strange item is that KROG 105.1 Phoenix OR came on the air early this year in mono, simulcasting KDOV an AM. "It was only on a couple of weeks and I understand that KDOV didn't want to pay the asking price to rent the transmitter. I noticed that you had it listed as soon to be stereo, but it's been off the air and I haven't even heard them testing. How can someone just hold onto and control a frequency like that?"

John Jefferson confirms that KXJZ *88.9 Sacramento is in stereo, largely jazz and news, while co-owned KXPR *90.9 is classical and news. He sent news of FM in AB, from which he got skip, and NE. "Do we have to have KTNE-FM Alliance and KTSD-FM Reliance SD both on 91.1? Due to the similarity of calls and city name, didn't realize they were a new logging for several hours after the fact," and he got a couple ten-watt translators skipping out.

Two readers, including member Robert Baker, sent an item from the 8-4-91 "New York Times," about all the new FM stations coming on the air creating interference. The article by Hans Fantel shows no recognition of selectivity improvements which can be done to FM tuners, and which this club has pioneered. It recommends the Onkyo Integra T-9090II at $750 list, Yamaha's TX-2000 at $749 and Harman Kardon's Citation 23 tuner at $699 with its "Active Tracking" circuit as being best in sorting out stations interfering at "alternate channels."

On air says Mike Cherry: IRIE-FM 107.1 Jamaica's Montego Bay translator. It had been off because of converting to full solar power, now 7.5 kw. Solar panels were having problems with too much heat! KZAZ *91.7 Bellingham WA was to have been testing, but so far nothing heard. Mike mentions Nathan B. Stubblefield's claim to have perfected wireless before Marconi, and you can read more in the Aug. (1991) issue of "Popular Communications." Mike hopes to take another "DXers holiday up Vancouver Island in a few weeks and hope that tropo conditions will be usual there—ideal. Hopefully Alaska, the one state that has always eluded me on FM, then TV and now 6 meters will show up sometime. The fact that I received a 960-km tropo reception of CJFW 103.1 Terrace BC (which isn't too far from the AK border) last summer from Comox-Courtenay BC (180 km north of here) may make such a feat possible."

Greg Hardison sent word from Mexico and his DXing in Guadalajara, discovering the new XHLA 89.1, $, jm, all announcing in Spanish. This leaves only 88.3 open in that city, and all other stations were as shown in the current "FM Atlas." He got a good view of the eclipse from San Blas NAY, with the only FM heard being the 97.7 one in Tepic. "The area along the Jalisco/Nayarit border should be an FM DXer's paradise—no locals on the dial between Guadalajara and Tepic, with plenty of rolling hills in between. . . Keep up the great work! Also a quick local note: KODJ 93.1 now KCBS-FM; no changes in format or air personalities."

Doug Allen sent an antenna my way, and he commented on the FM tuner he modified, which I later added SCS to. It had 150 kHz filters in it, which I suspected. And KKCI 102.5 Goodland KS is indeed stereo.

I will have to order a new tuner soon, as I sold my Magnum Dynalab on the trip going to the convention. I also sold a Pro-2006 Radio Shack scanner to which FM/SCS was added (a Christmas present from Carol), so I have no quality equipment for listening or DXing on. At the convention, I took in trade from Tom De Pauw a Fisher 500TX receiver to match a 500TX that I have owned since 1969—something more for John Ebeling to repair! It was great seeing all those who made it to the convention, and coming back I met Jerry Beaudin in Upper MI, who told me there are "good" and "bad" 180 kHz Murata filters. The "good" filters are known as SFT 10.7 MS3-A. We exulted in watching far away UHF on his 2.13 m dish, getting stations in Chicago, Milwaukee and Springfield IL (from his best direction). I especially enjoyed watching low-power channel 57, Green Bay WI with the Three Angels Broadcasting Network; (800) 752-3226 for more information. Also saw Paul Petosky, who said he sold his DXing tower and

antennas to Bill Draeb in WI, when Paul and his first wife divorced.

Bill Fait, in the Cleveland OH area, has a mystery. "Do you show a construction permit for 94.3 FM near Cleveland, Detroit or Ontario? Aug. 12, on 94.3 there was rock music in stereo with silent open carrier between musical selections. I had it on the stereo for five hours and there was no station identification and no commericals, so it may have been an equipment test for a new station." [No likely new station shows on my list; I wonder if this might have been a local pirate?]

Now to news that only partially filled my August FMedia! Look also for "See Also."

New FM Station Grants

AL Millbrook 97.1 3000 h,v; 100 m
AL Orange Beach 107.5 3000 h,v; 100 m
CA Big Pine 93.3 50000 h,v; 150 m
CA Groveland (21 km SE Sonora) *91.7 6900 h,v; 313 m, CA State U—Sacramento
CO Pueblo 104.5 100000 h,v; 299 m, P. Bcstrs. (KAFA *104.5 Colo. Sprs. to delete?)
FL Vero Beach 99.7 50000 h,v; 91 m, Vero FM
FL West Palm Beach *88.1 50000 h,v; 127 m, SW FL Community Radio [Lumpkin, Inc.
GA Lumpkin 99.3 50000h,v;150 m, R./
GA Montezuma 92.5 6000 h, 48 m (no vertical)
GA Sylvanie 106.5 6000 h,v; 100 m
GA Valdosta 107.7 3000 h,v; 74 m
ID Idaho Falls 105.5 100000 h,v; 299 m
IN West Lafayette 106.7 3000 h,v; 100 m
ME North Windham 106.7 3000 h,v; 100m
MI Marlette 92.5 3000 h,v; 100 m
MS Port Gibson 100.5 3000 h,v; 100 m
MO Columbia 93.9 3000 h,v; 100 m
NH Hampton 102.1 3000 h,v; 100 m
NJ Montague (in extreme NW NJ) WSUS-1 102.3 55 w (h) booster of Franklin station—"input signal via local cable TV system"
NY Jeffersonville 106.1 1600 h,v; 191 m
NY Mechanicville 104.5 3000 h,v; 76m
OH Englewood 94.5 3000 h,v; 100 m
PA Scranton WUSR *99.5 300 h,v; 309 m
TN Ripley 94.1 3000 h,v; 100 m
TN Woodbury 1[illegible].3 3000 h,v; 100 m
TX Carthage 104.3 6000 h,v; 100 m
TX Laredo 106.1 3000 h,v; 58 m
VA Roanoke 105.3 3000 h,v; 23 m
BC Pemberton CKRW-6 106.7 140 h,v; 16 m
ON Ottawa 100.3 80000 h,v; $, Rawlco Communications (approved Nov. '89, but only now was the frequency assigned) [Society
SA Saskatoon 90.5 180 h,v; Community R./

Call Letters Assigned or Changed

AL Attalla 102.9 WKXX
AL Rogersville 93.9 WFIX
AZ Tucson 107.5 KCRZ (from KYUD)
AR Little Rock 99.5 KLVV
CA Camarillo 95.9 KELF (KZTR-FM), Spanish, I, being leased by KCAQ 104.7 Oxnard CA
CA Coachella 93.7 KCLB-FM (KCHV)
CA Colusa 107.5 KPPL (KTMX)
CA Los Banos 106.9 KQLB
CA Oceanside 102.1 KIOZ (KGMG-FM)
CA Ventura 107.1 KAXX (KAGR)
DE Dover *91.7 WRTX
FL Bonita Springs 96.1 WRXK"-FM" (WRXK-FM; AM in North Fort Myers gets new calls)
FL Marianna 94.1 WSEJ
FL Tarpon Springs *88.9 WYFE (WFCE)
GA Harlem 95.1 WHEY
GA Hinesville 104.7 WSEU
IL Chicago 93.1 WXRT (WXRT-FM)
IL Monticello 105.5 WCZQ (WVLJ), k, "Q-106"
IN Nappanee 95.7 WLRX (WXJG)
IA Fairfield *90.5 KHOE
KY Cumberland 102.7 WSEH
KY Madisonville 106.9 WTTL-FM
KY Reidland 106.7 WSEQ
KY Valley Station 105.9 WVSL
LA Brusly 96.3 KRVE (KIEZ)
LA Monroe *89.3 KYFL
LA Vidalia 104.7 KPXQ
ME Kennebunk 99.3 WJIB (WKME)
MA Webster 98.9 WSGQ
MA West Yarmouth 94.9 WOCB-FM (WJIB)
MI Kalkaska 97.5 WKLT"-FM" (WKLT-FM)
MS Artesia 100.1 WJWF-FM (WZIX), g, leased by WMBC 103.1
MS Natchez 97.3 WRHG
MO Carthage 97.9 KRGK (KMXL); KMXL remain the calls for Webb City 95.1, "Mix"
MO Half Way 93.1 KYOO-FM (AM is in Bolivar)
MO Palmyra 97.9 KICK"-FM" (KICK-FM; AM in Springfield gets new calls) [Country"
NV Reno 104.5 KHIT-FM (KIIQ-FM); "Hit/
NH Farmington 106.5 WRHF
NY Corinth 93.5 WZZM-FM (WZZM; TV is in Grand Rapids MI), mr
NY Kingston *91.7 WRHE
NY Peru *88.3 WXLU
NC Elizabeth City 93.7 WKOC (WMYK), "Coast 93.7." "The station's former s[r] format has been picked up by WMYA 96.1 Cape Charles/Norfolk and is being simulcast on co-owned WMYK 92.1 Moyock NC-Norfolk VA."
NC Hamlet 104.3 WJSG (WSJG [illegible]), sr [that WTZR)
NC Moyock 92.1 WMYK (WOFM; before/
OK Cordell 99.3 KCDL (KRMK)
SC Cayce 96.7 WHKZ (WYYS), k[ountry]
SC Johnsonville 105.1 WRHA
SC St. George 107.5 WBUB (WKQB)
TN Dresden 95.1 WJZK
TX Fort Worth 107.5 KCDU (KMEZ), op, "CD-107.5"; "classic rock without the metal"
TX Huntsville 103.5 KVST (KTDD)
TX Johnson City 107.9 KFAN-FM (KFAN); AM is in Minneapolis MN
TX Robstown 99.9 KSAB (KROB-FM)
UT South Ogden 106.3 K292EO (not K292ED, which is in Kachemak City AK)
VA Lynchburg 100.1 WLYK (WKZZ)
VA Petersburg 100.3 WSVV
WI Racine 100.7 WKKV-FM (WBZN-FM), "V-100" (from "B-100")
WY Laramie 107.1 K296BO (from K296AA)

Facilities Changes Granted (Selected)

AR Berryville KSCC 107.1 3600 h,v; 191 m, C3
CA Barstow KDUC 94.3 4600 h,v; 239 m
CA Shingletown KRKQ 105.3 (move from Chester—in direction of Redding CA)
IA Forest City KIOW 107.3 (from 102.3) 50000 h,v; 150 m
KS Herington KDMM 105.7 (from 96.3)
KY Glasgow WWWQ 105.3 (from 105.5), C3
MS Byhalia WHLE 94.9 (city of license change from Holly Springs)
MS Clarksdale WWUN 101.7 6000 h,v (56 m)
MO Columbia KARO 101.5 (from 101.7) 20000 h,v; 184 m, C2
NY Ballston Spa WQQY 102.3 4100 h,v; 118 m
ND Valley City KOVC-FM 101.1 (from 100.9) 11900 h,v; 305 m
OR Corvallis KEJO 101.5 342 m (100000 h,v)
PA Boalsburg WVCV 93.7 (from 92.9)
SC Columbia WOMG-FM 103.1 3300 h,v (91 m)
SC Orangeburg WKSO 103.9 9200 h,v; 162 m, C3 [(new) 105.7 6000 h,v; 72 m
TX Amarillo/ [50000 h,v; 150 m
TX Brenham KWHI-FM 106.1 (from 106.3)/
UT Centerville KBCK 105.7 7300h,v; 1116 m
VA Pulaski WPSK 107.1 1800 h,v; 368 m, C3
WI Brillion WEZR 107.5 from 96.3
WI Suring WRVM 102.7 299 m (100000 h,v)

Stereo—Or to be $tereo

AL Florence WXFL 96.1
AL Winfield WKXM 105.9, "Gold 106 FM"
FL Vero Beach WSCF *91.9
GA Ashburn WFFM 105.7
ID McCall KBSM *91.7, with a talking subcarrier
KY Cynthiana WCYN-FM 102.3
LA Basile KBAZ 102.1 [ing, "Q-96"
MI De Witt WQHH 96.5, rm, ID with Lans-/
NM Las Vegas KBAC 98.1
NY Hoosick Falls WNGN 97.5
NY Voorheesville WCDA 96.3
PA Radnor Township WYBF *89.1
PA Villanova WXVU *89.1
TN Lawrenceburg WLLX 97.5
TN Loudon WXST 105.3
TN Rockwood WOFE-FM 105.7, k
TX Daingerfield KWSK 106.9, o, ID with Pittsburg-Mount Pleasant [KTKX"
TX New Boston KTKX 103.5, k, "Kicks 103.5,/
TX San Angelo KKLK 101.9, KLK (strict)
WY Burns KMUS-FM 101.9, still "K-Moose"

Monophonic

CA Merced KDAT 106.3—actually no format. Remove stereo listing and music, as is off the air "apparently for good. I'm told the owner pulled the plug when the losses kept rolling in month after month." [temporary
FL Fort Myers WHEW 101.9, but assumed/
MI Auburn WAHS *89.5, pr
NJ Trenton WNJT-FM *88.1, still monophonic
OH Mansfield WYTN *91.7—the only Family FM station known to be mono

See Also August VUD For

AL Reform WTID 101.7 101.7 The Tide, Fela, p. 13 [er, p. 15
AR Ashdown KARQ 92.1 Country 92, Coop-/
CO Walsenburg KSPK 102.3 K-102 Country, Cherry, p. 20
FL Dunnellon WTRS-FM 102.3 ID with Ocala and Gainesville, Coniglio, p. 26
FL Lake City WNFB 94.3 rm, Nieman, p. 15
FL Monticello WJPH 101.9 stereo, o, "Sunny 101," Coniglio, p. 26
FL Orlando WMMO 98.9 98-9, Laun, p. 33
FL Panama City Beach WPCF-FM 100.1 FM-100, Fela, p. 13
FL Punta Gorda WQLM 92.9 Lite 93
ID Caldwell KHEZ 103.3 EZ-103, Cherry, p. 20
IN Bicknell WUZR 105.7 stereo, o, ID with Vincennes, "Hoosier 105.7," Strobel, p. 18
IN (not OH) Bluffton WNUY 100.1, Hall, p. 20
IN Earl Park WIBN 98.1 r, ID with Oxford, Strobel, p. 18 [p. 18
IN Fort Branch WBGW 101.5 stereo, Strobel,/
IN Ligonier WLNB 102.7 stereo, Strobel, p. 18
IN Syracuse WAWC 103.5 stereo, Strobel, p. 18
KS Ogden KQLA 103.9 Q-104, Allen, p. 31
KS Wichita *90.7 Z-Gam calls now KZZD (ex-KGAM), Coniglio, p. 26 [p. 18
KY Liberty WKDO-FM 98.7 k, stereo, Strobel,/
KY Paris WCOZ 96.9 Kiss FM (from "Cozy 96.9 FM"), Greene, p. 13
MI Port Huron WORW *91.9 still mono, Coniglio, p. 26
MI Saginaw WGER 106.3 mr, Coniglio, p. 26. On the way from the convention I heard its calls, but didn't stick around to hear its music.
MS Collins WKNZ 101.7 Z-101 (from "101 KNZ"), Laun, p. 33
MO Tarkio KTRX 93.5 back to mono? It was stereo in 1990. Sittel, p. 27.
MT Kalispell KOFI-FM 103.9 Coffee 104.1 (from "K-104"), Cherry, p. 20
NV Las Vegas KOMP 92.3 The Rock of Las Vegas (from "Comp 92.3"), Ebeling, p. 21
NH Winchester WKBK-FM 98.7 apparent ID with

Keene, mono, Nollman, p. 24
NJ Hackettstown WNTI *91.9 mono for good, or only mono for one program? Coniglio, p. 25
NM Artesia KTZA 92.9 Star 93 (from "Star-Station"), now believed to be k, not o, Sundius, p. 29
NM La Luz KPSA-FM 92.7 r, Sundius, p. 30
NY Canandaigua WLKA 102.3 jr, Nieman, p. 15
NY Corning WCBA-FM 98.7 rm, Nieman, p. 14
NY Newburgh WGNY 103.1 r, Cooper, p. 15
NY Rochester WKLX 98.9 37000 h,v; 172 m facilities, Falconer, p. 2
NY Sag Harbor WLNG-FM 92.1 still mono, "Oldies 92," George, p. 10 [14
NY St. Bonaventure WSBU *88.3 rp, Nieman, p./
OH Delaware WCEZ 107.9 $, b, "EZ-108," Strobel, p. 18 [p. 18
OH Nelsonville WSEO 107.7 stereo, r, Strobel,/
OH Toledo WXUT *88.3 stereo, Strobel, p. 18
OK Moore KMSI *88.1 stereo, Nieman, p. 15
OR Baker City KCMB 104.7 Country 104.7 (from "FM 104"), Cherry, p. 20
TX Abilene KGNZ *88.1 ID with San Antonio-Snyder, Strobel, p. 18
TX Austin 98.1 calls now KVET-FM, Sittel, p. 27
TX Big Spring KBST 95.3 isn't it now country? "K-Best 95," Strobel, p. 19
TX Corpus Christi KFGG *88.7 is is stereo? Cherry, p. 20 [p. 32
TX Rockport KPCB 102.3 K-Play, Howington,/
WI Watertown WJJO 94.1 is the location for this station—Sittel, p. 27
ON Ottawa 100.3 in stereo, "Rawlco Communications," Nieman, p. 15; format, calls?
NL Monterrey XHXL 91.7 new facilities 100000 h,v (-75 m), Dunne, p. 30
XHQQ 93.3 $, kl (rancheras), Dunne, p. 30
XHMF 104.5 $, l, Dunne, p. 30 [30, new
TA Tampico $, l, †M 67 kHz SCS, Dunne, p./

Format Changes

Formats are the same as in the "FM Atlas"

AL Atmore WYDH 105.9 rm
AZ Phoenix KPSN 96.9 rm, "Sunny"
AZ Tusayan KSGC 92.1 rm
AR Beebe KPIK 101.5 rm
AR Booneville KEZU 104.7 b, "EZ-105"
CA Barstow KXXZ 95.9 o, "96 Kix" (from "Kicks 96 FM")
CA Sacramento KXJZ *88.9 jt
CO Brush KSIR 107.1 k
CO Durango KIQX 101.3 rm. "We are still adult contemporary—whatever that means!"
CO Lamar KSEC 93.3 k
DE Milford WXPZ 101.3 gr
FL Clearwater WMTX-FM 95.7 rm, "Mix"
FL Mayo WGSG *89.5 g, "Southern Gospel"
FL Miami WLRN-FM *91.3 cj
FL Port Charlotte WEEJ 100.1 r, "rock/AC"
FL St. Augustine WUVU 97.9 (moving from 97.7) b
GA Adel WDDQ 92.1 t, all ads, exclusively for motorists along I-75, and so far only advertising motels, restaurants and clothing store owned by John L. Williams, licensee. Legal according to FCC rules, but Preston Green, owner of a furniture store, says: "I feel like we have lost a valuable asset in our community by losing our FM radio station." Albany, Valdosta and Tifton stations report no increase in listeners or ad revnues from Adel.
GA Douglas WDMG-FM 99.5 r, "The Heat" (from "Magic 99")
GA Glennville WKIG-FM 106.3 rm
GA Wrens WAKB-FM 96.7 sr [subcarrier"
ID Twin Falls KBSW *91.7 cj, "mono with no/
IL Arlington Heights WCBR-FM 92.7 p
IN Anderson WXXP 97.9 rm, "Experience 98"
IA Ankeny KMXD 106.3 b
IA Des Moines 107.5 no format; "rf" was to have been on Sorenson's station, which grant was reversed by the FCC. Channel awarded to gay activist Rich Eychaner, facilities to 150 m (50000 h,v). "While Sorenson has lived in Des Moines longer than Eychaner, the FCC gave Eyechaner the edge in civic activities."
IA Pella KDMG 103.3 p. "I've heard tapes of the station, and they are very close to what KRCY San Francisco was doing in 1986-87."
KY Carrollton WIKI 100.1 o, SMN Pure
MD Towson WTMD *89.7 cj, classical/new age. "Not listed in phone book; downtown storefront office vacant."
MA Brockton WCAV 97.7 k
MI Lexington WBTI 96.9 r, "B-96.9"
MS Winona WONA-FM 96.7 k
MT Helena KBLL-FM 99.5 k
NJ Millville WBSS 97.3 sr, ID with Wildwood-Atlantic City (no longer with Vineland), still "Boss 97"
NM Artesia KTZA 92.9 k
NY Sodus WNNR 103.5 r, $
NC Newport WKQT 103.3 r, "Cat"
OH Mansfield WVNO 106.1 r, "106-VNO"
OK Sand Springs-Tulsa KTOW-FM 102.3 s; AM was p, but not the FM. "There are now two s formats in Tulsa, the other being KBLK AM."
OR Baker City KKBC 95.3 k
OR Harbeck-Fruitdale KAJO-FM 98.3 m
OR Medford KOPE 103.5 nt, news/talk, mono
PA Allentown WAEB-FM 104.3 sr, ID with Easton-Bethlehem-Phillipsburg; drops "Laser 104.1," using calls now
PA Erie WMCE *88.5 rp
PA Greensburg WSSZ 107.1 op, classic rock
PA Grove City WRKU-FM 95.1 r, "95 K-Rock" (from "The Wolf," no longer simulcasting WNCD 106.1 Niles OH)
PA Pittsburgh WVTY 96.1 rm
PA Selladasburg WKHL-FM 95.5 r
TN Humboldt WZDQ 102.3 o, SMN Kool
TN Johnson City WQUT 101.5 r, dropping "QUT" nonID [99" not strict
TX Brownwood KPSM 99.3 rm, "Magic/
TX Hooks KLLI 95.9 o, "Oldies 96" (from "Kelly 96"
TX Mount Pleasant KPXI 100.7 r, still "X-100")
TX San Antonio KSRR 92.9 rm, "Star 93" not strict
TX Uvalde KKXS 102.3 k, "Kix"
UT Brigham City KSOS 106.9 o
WA Medical Lake KAAR 95.3 gr
WA Pullman KRLF *88.1 gr
WV Kingwood WFSP-FM 107.9 r, "AC-oldies"
WI Trempealeau WKBH-FM 105.5 op
ON Toronto CJEZ 97.3 m, "soft AC"
PE Charlottetown CHLQ 93.1 CRTC denied change from country to pop and soft rock, with the country to have moved to CFCY
PQ Cap-aux-Meules CFIM 92.7 given a renewal only to Aug. 31, 1993

On Air (Selected)

AL Tuscaloosa WTUG 92.9 (from 92.7)
NE Bassett KMNE-FM *90.3 [NPR
NE North Platte KPNE-FM *91.7, both with/
PQ Quebec CHOI 96.9, but CRTC nixes management agreement with its former AM, CHRC

Off Air or Not Yet On

AZ Phoenix *89.5, two sharetimers, but Maricopa County Community College and AZ Board of Regents working on a joint license.
AR Stamps KZHE 100.5, still on 100.1
OK Broken Bow KKBI 106.1, still on 106.3
TX San Angelo KBIL-FM 92.9
KTEO-FM 93.9, "storefront office vacant," but being sold to Criswell of Dallas

Deletions

CA Big Pine K228CV 93.5 (see "New," above)
CO Colorado Springs ultimately KAFA *104.5 (because of new Pueblo grant)
IL Blue Island WRBI 94.3, in 1948. "I bought this station and it was profitable, but was not told there was a mortgage on the equipment. Andrew Corp. wanted to foreclose to get its antenna back, so I walked away from it. The people who sold me the station were very dishonest."
MN Sleepy Eye KSEB 107.3, "construction permit cancelled and call sign deleted"
PQ Baie-Comeau CKDO 92.5, "after unsuccessful efforts to establish the FM"; continuing service on CHLC 580 AM.

SCServices + TV-SAP (Selected)

Symbols are as in the "FM Atlas"

CA Berkeley KPFA *94.1: "Your July, 1991, issue correctly assumes that KPFA kept their reading service for the blind at 67 kHz," but adds †X, 92 kHz, Interactive Network, Inc.
CA Los Angeles KBIG 104.3 †E, 92, Japanese music (retains †X, 67) [(†R, 92)
CA Modesto KBEE 103.3 †X, 67 (not †M);/
CA Sacramento KQPT 100.5 †X, 92 (from †Y); also on KXPR *90.9's 92. Interactive Network, a television game company in Mountain View CA, broadcasting data over SCAs at 9.6 Kb/s. These data allow customers to play along with TV programs in real time. "You guess the correct answer in Jeopardy, predict the next play in Football or Baseball, etc. A hand-held unit keeps track of your score for each game. At the end of a contest, you register your score via a telephone modem and compete with other hand-held units." The units get their signals from local SCStations; in areas where SCS reception is poor the TV-VBI can be used to activate an infrared signal to the control unit. So far it's on only in Sacramento and San Francisco. It can also be used to answer questions on the news take part in surveys. Company headed by David B. Lockton, who has a background in SCS data at DataSpeed. Basic subscribing price is $15/month, with competetive play options adding another 50¢ to $2 per program. Investors include NBC, United Artists, A .C. Nielsen and Rainbow Programming Enterprises (cable), who have plunked down some $9.1 million on the project. IN has received patent No. 5,013,038 for the scoring system for its games and polling system.
CA San Francisco KSAN 94.9 †X, 92
CA Santa Clara KARA 105.7 †X, 67
CA Woodland KSFM 102.5 †X, 67 (†E, 92); all three Interactive Network
DC Washington WAMU *88.5 †Z, 67; †E, 92, Korean American Broadcasting Network. "I am the lawyer for the plaintiff, on the 92 kHz of WPGC-FM Morningside Heights MD, suing because K.A.B. is dumping receivers on the market. They are tunable and they have advertised in the Korean press that you don't have to rent a radio; buy one from us."
IN Lowell WZVN 107.1, buying some SCAdapters and thinking of experimenting with 67 or 92 kHz [weather on itSAP
MD Annapolis WMPT *22 has the NOAA/
MD Morningside WPGC-FM 95.5 †Z, Data Broadcasting Corp., 67; †E, 92 (Korean)
MN Minneapolis KBEM *88.5 †D, 57, to be testing the RDSystem in connection with Metro Traffic Management—a three-year project
NY Schenectady WMHT-FM *89.1, responding to a budget crisis, in which co-owned WMHX (TV-45) was taken off the air, will reduce expenditures for RISE reading service, and looking for a company to underwrite such radios. WMHT-FM will, however, retain its all-night programming and there will be no staff firings.
OR Portland—AT&E declares bankruptcy; future of its on-air paging using a wristwatch unclear.

73ily, Bruce E.

TV TIME TUNNEL

SPECIAL THANKS TO FELLOW WTFDA MEMBERS TIM CRONIN, ERIC VOYTKO, JOHN EBELING AND DOUG SMITH. MANY OF THE MYSTERIES OF CHANNEL ONE MIGHT HAVE GONE UNEXPLAINED WITHOUT THEIR CONTRIBUTIONS.

EDITED BY TOM BRYANT, 849 TODD PREIS DR., NASHVILLE, TN 37221

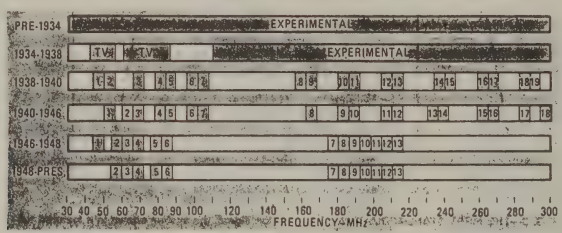
C H A N N E L O N E

When studying the origin and history of TV Channel One, it seems that a trip back to 1928 is necessary to set the stage. It was in 1928 that RCA's W2XBS began experimental transmissions from the transmitting facility atop the Empire State Building. The very first RCA system used a 100 kHz wide channel at 2.0 to 2.1 mHz. That mechanical system scanned 60 lines per frame at 20 frames per second.

It became apparent almost at once that wider channels would be needed to improve video resolution; the first official move toward that end being made in 1934. Just prior to that, RCA had begun testing the first all-electronic system which scanned 240 lines at 24 frames per second in a 2 mHz bandwidth at approximately 45 Mhz.

On June 22, 1934, the FCC was established; and took on the task of spectrum allocation and rulemaking. Among their first actions was the establishment of tv frequencies adequate for two stations (42-56 and 60-86 mHz). No channel numbers were assigned to these two sets of frequencies. [Note: Prior to this time, everything above 30 mHz had been classified as experimental.]

There was now no doubt that this new form of communication would be a success, and that additional spectrum would have to be allocated to accommodate many more stations. All television operations in the original 2.0 to 2.1 mHz band were terminated by 1936, and in 1937 the FCC unveiled an expanded plan for frequencies designated as channels 1-19; and beginning with channel 1 at 44-50 mHz. The television industry was generally satisfied with this plan, although it was widely believed that only the seven lowest channels were of any practical value; the other 12 thought to be usable only for video relay networks. These new channels were each 6 mHz wide (the current standard); and became effective October 13, 1938. THAT'S THE BIRTH DATE OF CHANNEL ONE!



THE ABOVE CHART ILLUSTRATES HOW TV ALLOCATIONS HAVE EVOLVED SINCE THE EARLY '30s. IT WAS COPIED FROM MARCH 1982 'RADIO-ELECTRONICS" MAGAZINE.

The 1938 table of allocations stayed in force for less than two years. In the interim, limited commercial (and shortly afterward, full commerical) operation was allowed; and the NTSC [National Standards Television Committee] was pressed into action to formulate a single national system from the hodgepodge of experimental plans currently in use.

Continued.....

While the NTSC was hashing out the technical criteria, the FCC was taking another look at spectrum allocation. To accommodate the 150+ applications for experimental FM stations, the Commission made 42 to 50 mHz (which included Channel One) an FM-only band. This necessitated channel 1's move up to 50-56 mHz and channel 2 (which had been 50-56 mHz) was eased up to 60-66 mHz. Other minor adjustments ultimately resulted in an overall loss of one channel, dropping the total to 18.

Those changes were initiated on June 20, 1940, and remained in effect until mid-1945. Only the RCA station in New York was in operation on the original channel 1 at the time, and moved to the new channel 1 frequency without a great deal of fanfare.

By July 1, 1941, the FCC spectrum allocations and NTSC actions had cleared the path for the true beginning of commercial television; but on 'opening day' only two stations, both in New York, were licensed and ready for operation. W2XBS became WNBT, Channel One; and W2XAX (the CBS experimental venture) became WCBW, Channel Two.

It should be noted at this point that although there was only one commercial station on Channel One; several others held experimental permits and several were likely operational. The Channel One status at the end of 1941 follows:

WNBT	New York (NBC/commercial) - now WNBC/4
W1XG	Boston (General Television)
W3XWT	Washington, D.C. (DuMont) - now WTTG/5
W8XCT	Cincinnati (Crosley) - now WLWT/5
W9XZV	Chicago (Zenith) [later WTZR, but unused] - now WBBM/2
W9XUI	Iowa City (Iowa State University)
W9XAK	Manhattan, KS (Kansas State University)
W6XAO	Los Angeles (Don Lee Broadcasting) [later KTSL] - now KCBS/2
W6XDL	San Francisco (Don Lee Broadcasting)

During the war years, station construction was halted and operating hours for existing stations were cut to four per week. Meanwhile, communications technology made startling advances. Frequencies once considered useless had been proven otherwise; and even before the war ended, the FCC was busy studying ways to use the new bands. The plan that evolved became effective March 1, 1946.

There were few 'happy campers' in the industry. TV had been cut back to 13 channels..FM had been moved to 88-106 mHz (and soon afterward 108 mHz)..Channel One was moved back to the original 44-50 mHz! Why the dischord? TV operators felt they had been short-changed, FM broadcasters had to start from scratch since all pre-1946 receivers were useless; and a 1000 watt limit was slapped on Channel One. TV's first channel had been relegated to a 'community channel'. Channels 2 thru 6 were allowed to operate with 50,000 watts, and all but channel 6 were shared with fixed and mobile services.

It was just over two years later, on June 14, 1948, that more allocation changes were made in an effort to reduce interference. Prior to that time, minimum distance between two stations on the same channel was reduced to 90 miles. The results were disastrous. CCI was intolerable. Interference to tv by the mobile services (and vise-versa) was terrible. The commission recognized the problems, and instituted the following changes. Mobile 'sharing' of the 72-76 mHz television frequencies was terminated; and as a tradeoff for 'interference-free' television channels, the broadcasters agreed to the Commission's proposal to return the 44-50 mHz band exclusively to mobile use. This move left the TV band starting at 54 mHz (channel 2). Rather than re-number the reamining channels, the FCC elected to begin the numbering at 2. AND SO; AS OF JUNE 14, 1948, CHANNEL ONE NO LONGER EXISTED...GONE AT LESS THAN AGE TEN.

Thomas J. Vingling, Jr. KA3TCC, 221 Dinewood Road, Baltimore, MD 21222-2340

100,000 WATTS

WTTV
CHANNEL-4
BLOOMINGTON
INDIANA

THIS IS TO VERIFY YOUR REPORT OF RECEPTION OF WTTV ON June 6, 1954 AT 8:04 AM E.S.T THANKS VERY MUCH FOR YOUR DX REPORT.

Earl W. Oakes
Chief Engineer

Reception of WDSU-TV verified for
8:02 - 8:30 AM EST, August 13, 1954

CLASSIC TV DX QSLs
from MARYLAND DXer
Hank Holbrook.....

VERIFICATION OF RECEPTION

Thank you for your report of June 26, 1954 advising us of your reception of WKY-TV in Bethesda, Maryland.

Transmitter and studio location: 500 East Britton Road, 6 miles North of Oklahoma City.

Frequency: 66-72 megacycles — Channel 4.

Video Power: 100,000 watts.

Audio Power: 60,000 watts.

Tower Height: 975 feet.

The box pattern you saw was the WKY-TV color test. I am returning your letter with the transmitter engineers verification note on it. We have been telecasting live color program on a regular basis since June 1st.

WKY-TV
500 East Britton Road
OKLAHOMA CITY, OKLA.

CONTINUED FROM
PAGE 2: **Dunkirk Convention/1991**

Later in the day, Jim Dietrich gave a presentation on baluns, splitters, transformers, amplifiers and other antenna-related hardware and accessories. This talk had been presented at last year's convention in Manassas, VA; but was so timely that it rated an encore. This year, Jim had his custom line of baluns and amps available for purchase..and seemed to be doing a brisk business.

Many of the TV buffs brought pictures and tapes of their prize catches. Ron LeBlanc's tape of gulf tropo to FL, NC, and SC; as well as openings between New Orleans and Oklahoma City got lots of 'ooohs and ahhhhs' from viewers. Tom Yingling gave his tropo and Es tape a spin. Tom Bryant did the same...and also showed a visit to WWVH (Hawaii) along with highlights of last years meet in VA.

Bumper sticker collectors picked up plenty of new goodies. History buffs shuffled through ancient QSL cards and letters, plus several collections of off-the-air photos. TV unID's were examined by just about everyone attending. Some were nailed down..others remain a mystery (just ask Bill Eckberg about his 'chicken head' test pattern!).

IF filter conversion expert Bill Nienajadly, aided by assistant expert Bill Kretschmer, performed transplants on quite a number of fixed, portable, and auto receivers. The patients (and their owners) responded well to the procedure.

Needless to say, everyone had a super time. A lot of old acquaintances were renewed, and plenty of new ones made. If you couldn't make it, you missed a heck of a good weekend. If you've never been to a convention, why not make a commitment to attend in 1992? Once you've tried it, you'll find yourself drawn back again and again.

Although a site for the 1992 convention was not announced; the rumor mill produced speculation about several possibilities. The rumored sites are not listed here since all options are still open and anyone may submit an offer to the WTFDA Board of Directors.

Last, but certainly not least, a big **" T H A N K S "** to Bob Seybold for hosting. It's a lot of work and everyone really appreciated his efforts. A lot of us would probably like to go back to Bob's 'DX heaven' on the hill every year...but let's not wear out our welcome...OK?

- -

1991 ATTENDEES: (Listed alphabetically by geographic area from a list supplied by Bob Seybold.) **CT**-Bill Nollman **IL**-Tom Depauw-Bill Eckberg-Jeff Kadet-Bob Kramer-Frank Merrill-Darryl Roberts-Mark Strickert **IN**-Roger Winsor-Bob Zent **KS**-Jim Dietrich **LA**-Jeff Kruszka-Ron LeBlanc **MD**-Tom Yingling **MN**-Bruce Elving **NJ**-Bill Kretschmer-Bill Nienajadly-Bob Smolarek **NY**-Greg Coniglio-Mike Coniglio-Mike Lapinski-Dave Nieman-Bob Seybold-Rich Wertman **NC**-Matt Sittel **OH**-George Greene-Tom Leu **ON**-Roger Gravelle-Bruce Hall **TN**-Tom Bryant **VA**-Jim Rollins-Mike Wimer

* *

[Convention 1991 report written by Tom Bryant]

* *

C O M I N G S O O N

VIDEO HIGHLIGHTS OF THE 1991 CONVENTION

[watch your VUD for details]

WORLDWIDE TV-FM DX ASSOCIATION

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MEMBER

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